Base Load Power Hub (BLPH)

MCT Composition

Document Number: 123A90-DDL-EL-DD-20095

Document Class: 3

01	23/07/2024	Issue for Information (IFI)	ASR	FMA/AMA	FPA/DLO
00	15/04/2024	Issue for Information (IFI)	SPS	FMA/AMA	FPA/DLO
Rev.	Date	Description	Prepared	Reviewed	Approved

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Revision / Change Log

Rev.	Description
00	Issue for Information (IFI)
01	Issue for Information (IFI)

REFERENCE DOCUMENTS

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Electrical Power & Control Cable Schedule	123A90-DDL-EL-LIS-20148
Electrical MCT Layout - Top Deck	123A90-DDL-EL-DL-20114
Electrical MCT Layout - Lower Deck	123A90-DDL-EL-DL-20115
Electrical MCT Layout – Below Lower Deck	123A90-DDL-EL-DL-20116
SG-100D1-General arrangements	1723002197-EL-DA-00006
SG-200N1-General arrangements	1723002197-EL-DA-00007
DP-200N1-General arrangements	1723002197-EL-DA-00009
SG-200D2-General arrangements	1723002197-EL-DA-00008

HOLDS LIST

No.	Description
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2	
3	
4	

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NOTE – 1) The Diameter of 66kV cable (52mm) is from ELAND cable catalogue.

2) THE MCT FRAMES ARE IN VENDOR SCOPE AND FIXED ON THE VENDOR EQUIPMENT ITEMS SG-100D1, SG-200N1, DP-200N1, SG-200D2.

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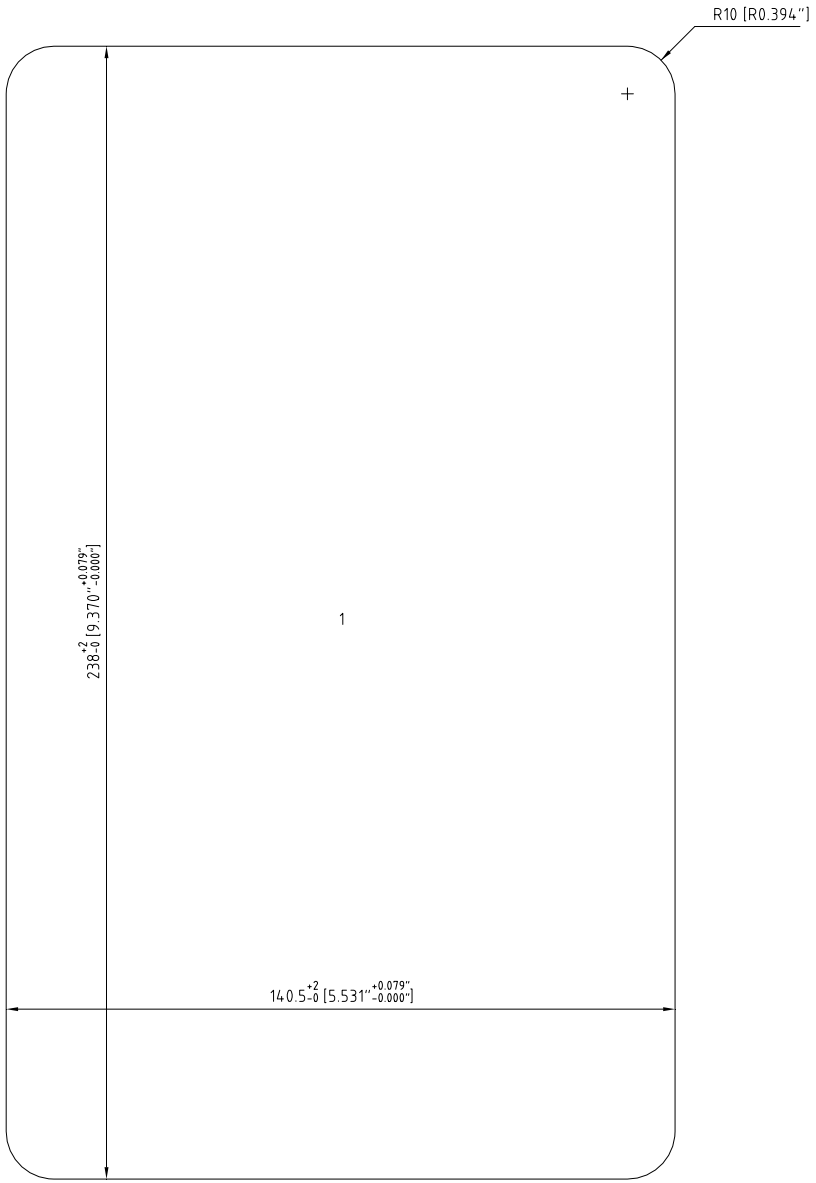
BELOW LOWER DECK MCT

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Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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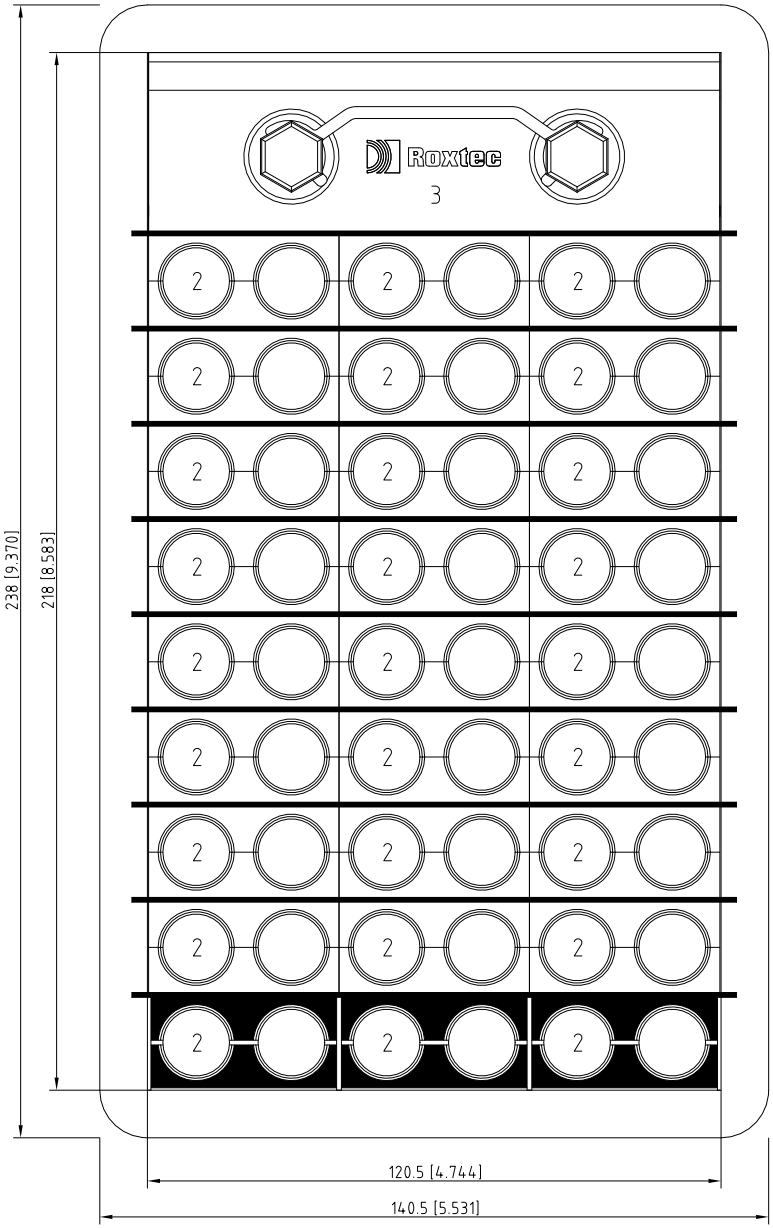
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS Location/ Sublocation	TotWeight: 7.1 [15.61]
Roxtec	Format: NTS		Transit name: E-MCT-T01	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
4	9	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
3	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
2	27	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-10	BLPH - ROS Location/ Sublocation	7.1 [15.61]
Roxtec	Format NTS		Transit name E-MCT-T01	Sheet No 2/3
	Client		Drawing number	Rev

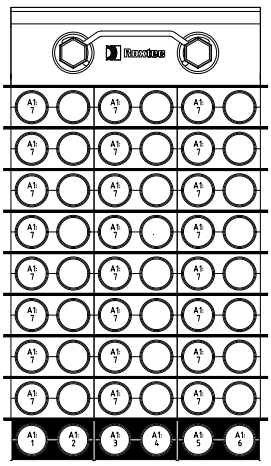
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A1

A1



Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[“])	Module Type
A1:7						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:6	7W3.2	ICCP External Reference Cell	1C x 16	Power	12.5 [0.492"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:5	7W3.1	ICCP External Anode	1C x 16	Power	12.5 [0.492"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:4	7W3	ICCP External Anode	1C x 16	Power	12.5 [0.492"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:3	7W2	ICCP External Reference Cell	1C x 16	Power	12.5 [0.492"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:2	5W3	ICCP External Reference Cell	2C x 2.5	Control	11.8 [0.465"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:1	5W2.2	ICCP External Reference Cell	2C x 2.5	Control	11.8 [0.465"]	RM 20W40 3.5-16.5 [0.138"-0.650"]


MODULE WITH PIPE

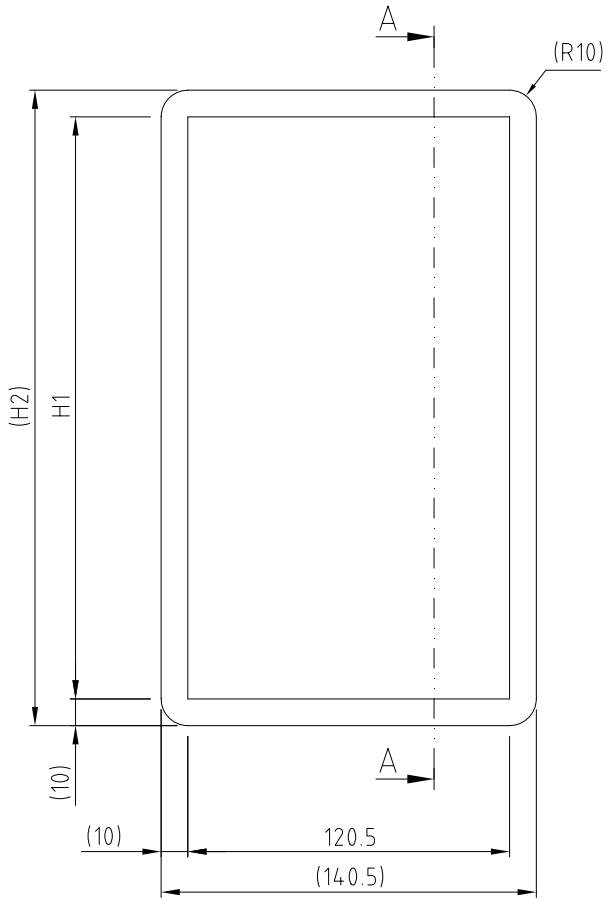

MODULE WITH CABLE

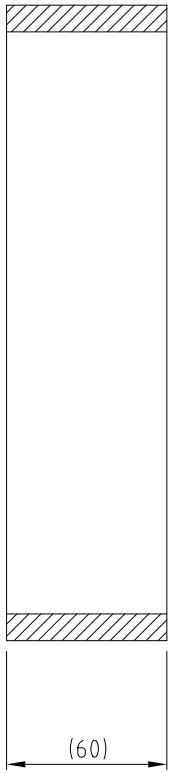

SPARE MODULE


SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS	Location/ Sublocation:	TotWeight: 7.1 [15.61]
Roxtec	Format: NTS		Transit name: E-MCT-T01		Sheet No: 3/3
	Client:		Drawing number:		Rev:

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

ROXTEC INTERNATIONAL AB
BOX 540 S-371 23 Karlskrona
TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

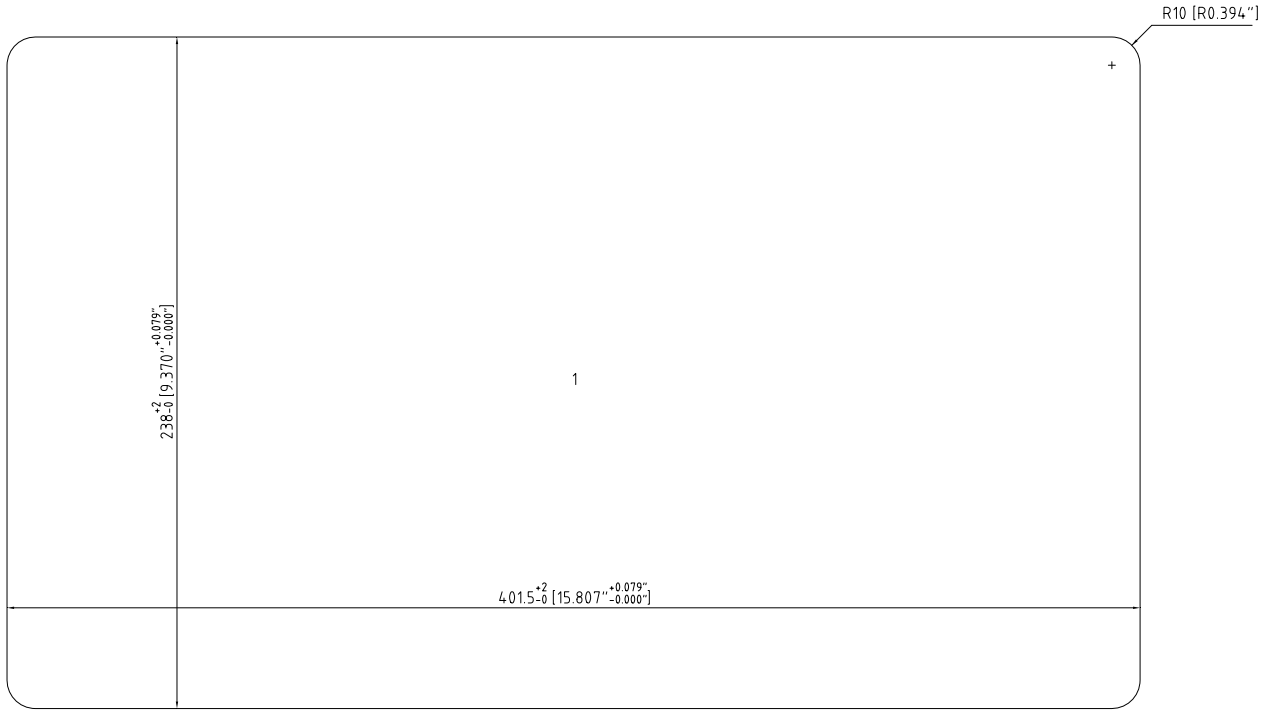
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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Cutout Detail

Frame: S 6x3 PRIMED Solution: 1

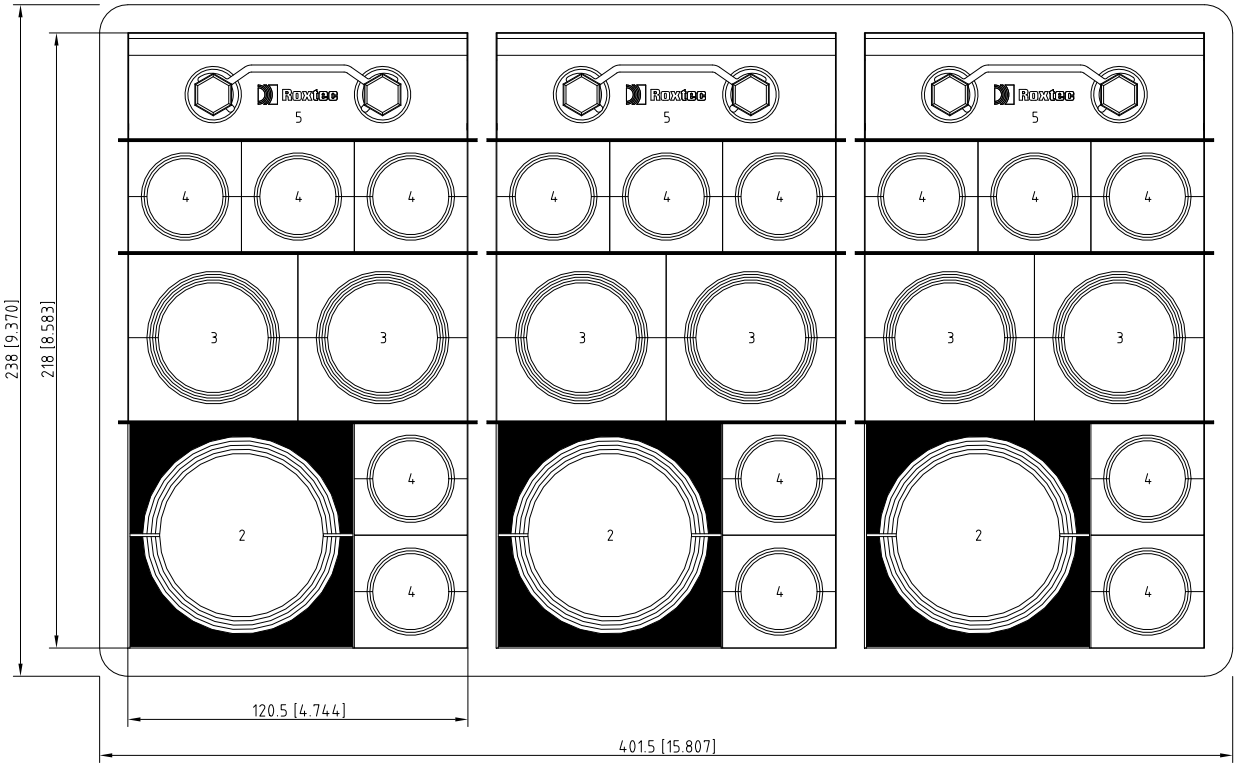
Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]
Responsible: ARNESH		Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 17.1 [37.79]
Roxtec		Format: NTS		Transit name: E-MCT-T02	Sheet No: 1/3
		Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 401.5x238 [15.807"x9.370"]



Detail Drawing

Solution: 1



Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	9	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	3	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	15	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
3	6	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
2	3	RM 80 48-71 [1.890"-2.795"]	5RM0000003350	0.6 [1.30]
1	1	S 6x3 PRIMED	S006000000312	7.9 [17.42]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	17.1 [37.79]
Roxtec	Format NTS		Transit name E-MCT-T02	Sheet No 2/3
	Client		Drawing number	Rev

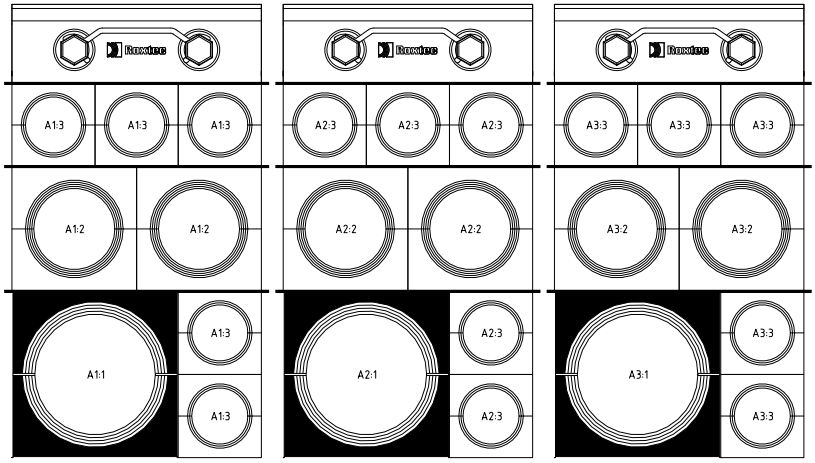
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A1 A2 A3

A1 A2 A3



Note 1: The Diameter of 66kV cable (52mm) is from ELAND cable catalogue.

Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ [*])	Module Type
A1:3						RM 40 21.5-34.5 [0.846"-1.358"]
A1:2						RM 60 28-54 [1.102"-2.126"]
A1:1	81001-CEH-L1	66kV GIS	1C X 300	Power	52 [2.047"]	RM 80 48-71 [1.890"-2.795"]
A2:3						RM 40 21.5-34.5 [0.846"-1.358"]
A2:2						RM 60 28-54 [1.102"-2.126"]
A2:1	81001-CEH-L2	66kV GIS	1C X 300	Power	52 [2.047"]	RM 80 48-71 [1.890"-2.795"]
A3:3						RM 40 21.5-34.5 [0.846"-1.358"]
A3:2						RM 60 28-54 [1.102"-2.126"]
A3:1	81001-CEH-L3	66kV GIS	1C X 300	Power	52 [2.047"]	RM 80 48-71 [1.890"-2.795"]

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS	Location/ Sublocation:	TotWeight: 17.1 [37.79]
Roxtec	Format: NTS		Transit name: E-MCT-T02		Sheet No: 3/3
	Client:		Drawing number:		Rev:

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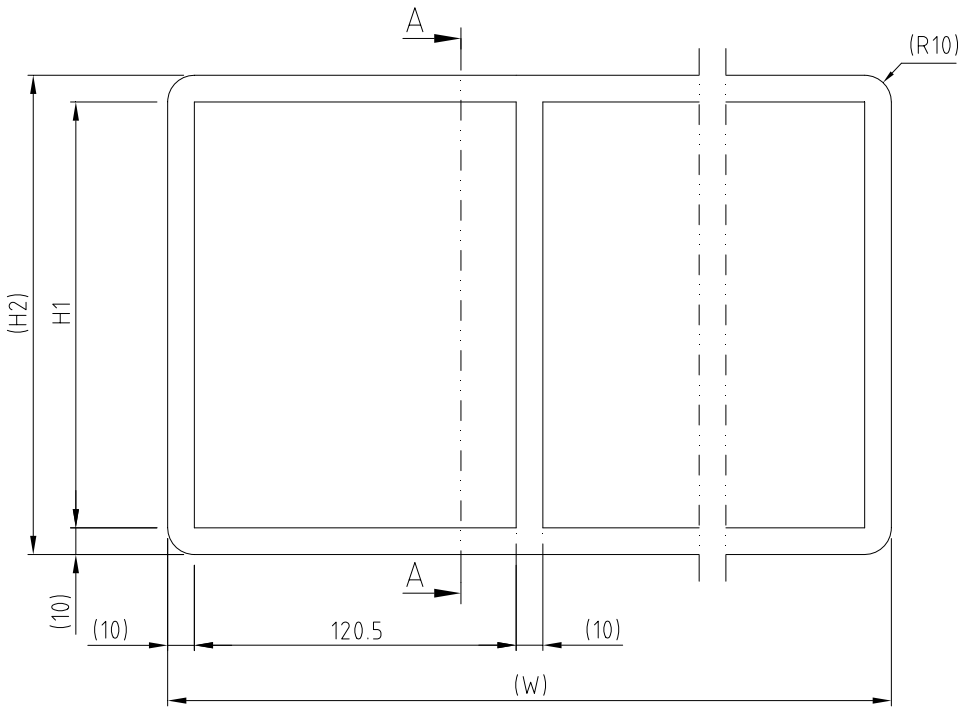
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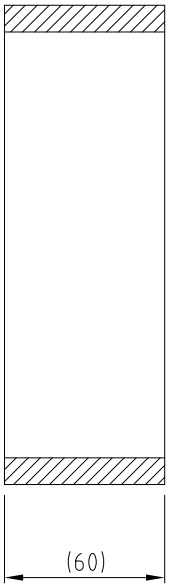
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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

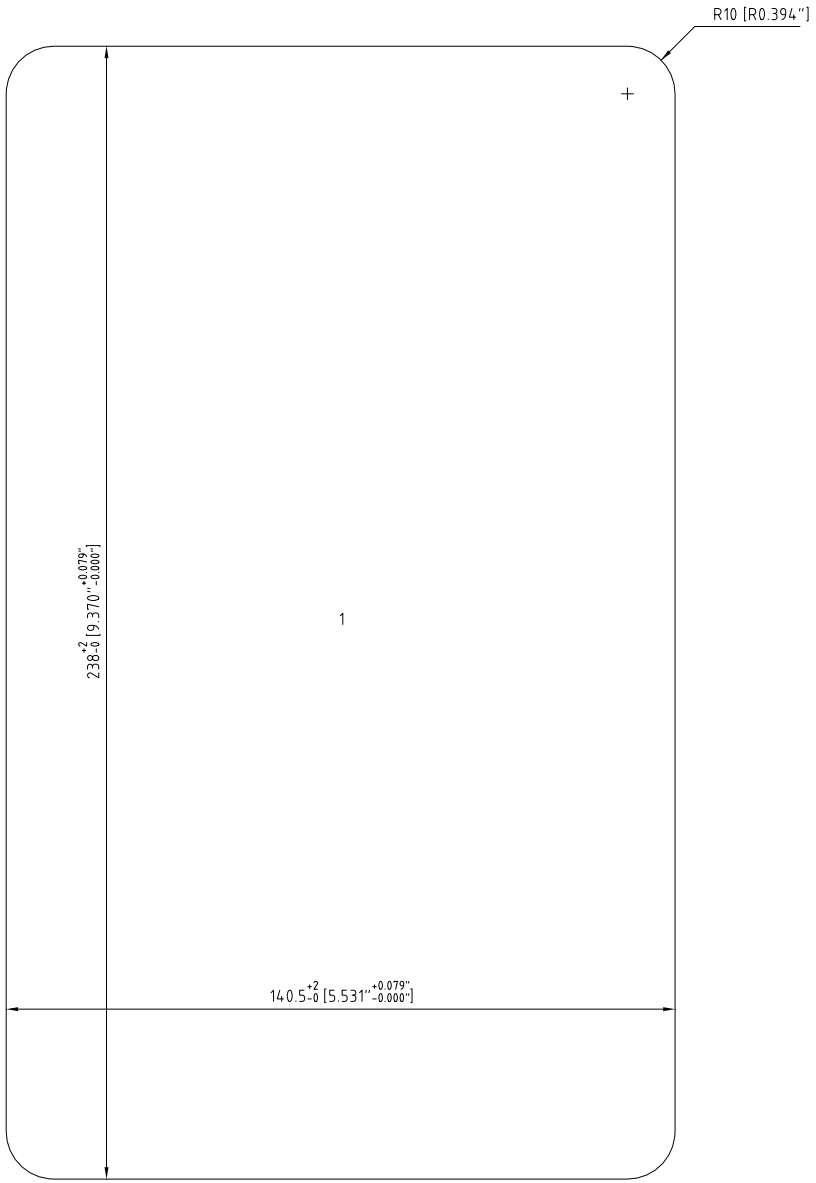
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

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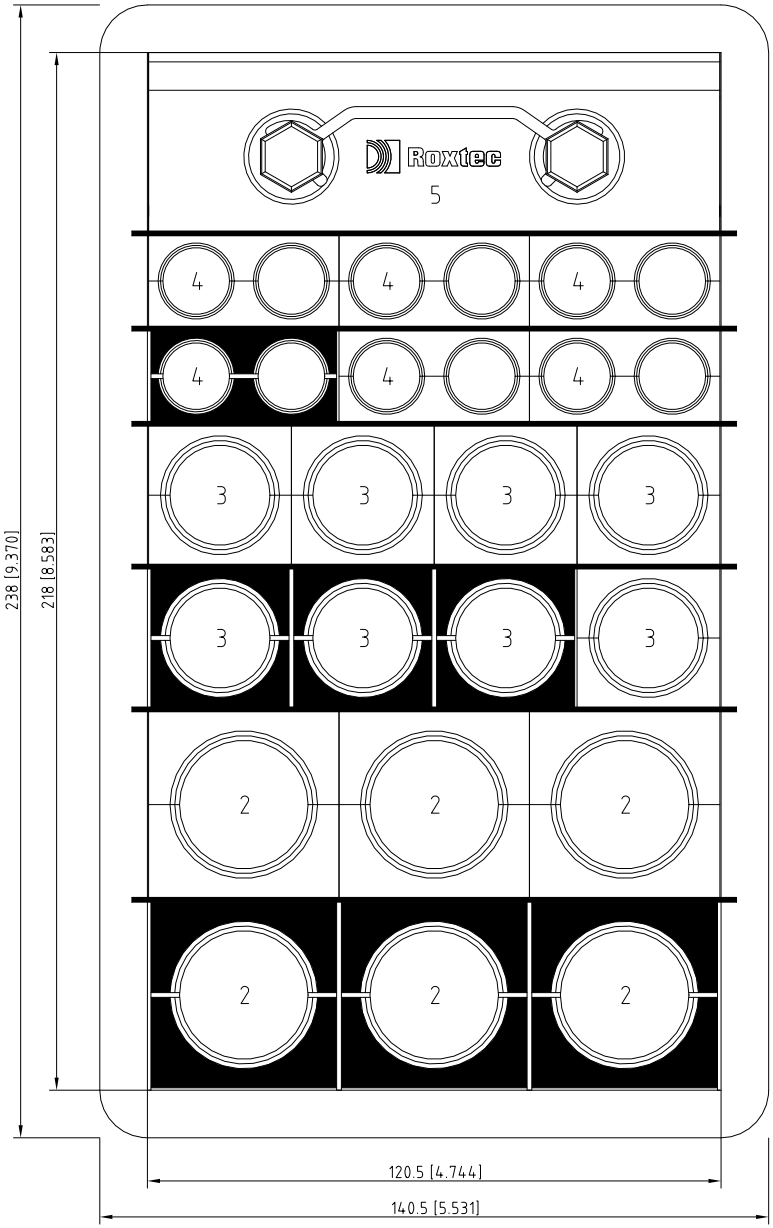
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	6.8 [14.90]
Roxtec	Format NTS		Transit name E-MCT-T03	Sheet No 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	6	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	6	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
3	8	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
2	6	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	6.8 [14.90]
	Format NTS		Transit name E-MCT-T03	Sheet No 2/3
	Client		Drawing number	Rev

Roxtec

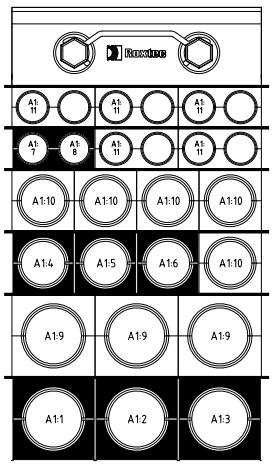
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A1

A1



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Pos	Cable ID	Name	Cable Type	Cable Category	OD （mm/ ["] ）	Module Type
A1:11						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:10						RM 30 10-25 [0.394"-0.984"]
A1:9						RM 40 21.5-34.5 [0.846"-1.358"]
A1:8	6W2.1	ICCP System	2C X 2.5	Control	9.5 [0.374"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7	5W2.1	ICCP System	2C X 2.5	Control	9.5 [0.374"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:6	P-ELS-200N1-09-L2-01	Emergency Lighting Switch	4G4_E	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:5	7WD6.1	ICCP System	1C X 70	Power	17 [0.669"]	RM 30 10-25 [0.394"-0.984"]
A1:4	7WD3	ICCP System	1C X 70	Power	17 [0.669"]	RM 30 10-25 [0.394"-0.984"]
A1:3	83002-CEL-L3	LV SWBD 800/460V	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	83002-CEL-L2	LV SWBD 800/460V	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	83002-CEL-L1	LV SWBD 800/460V	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]


MODULE WITH PIPE

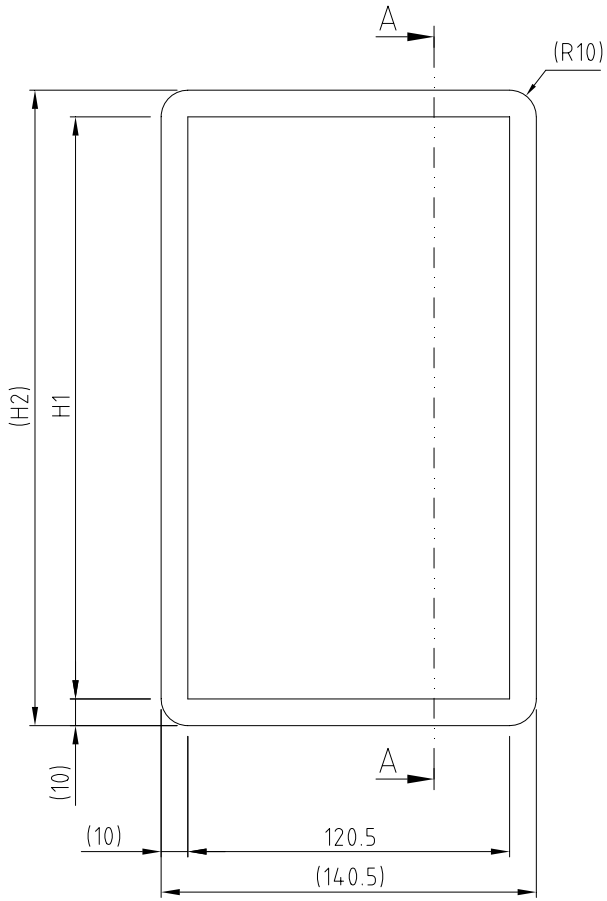

MODULE WITH CABLE

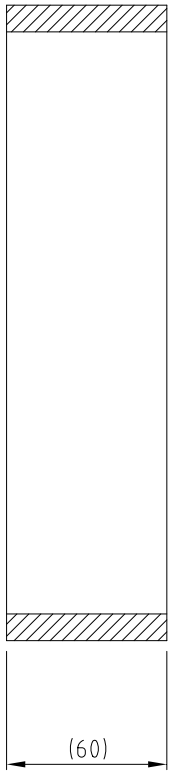

SPARE MODULE


SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 6.8 [14.90]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-T03		
	Client		Drawing number		Rev

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

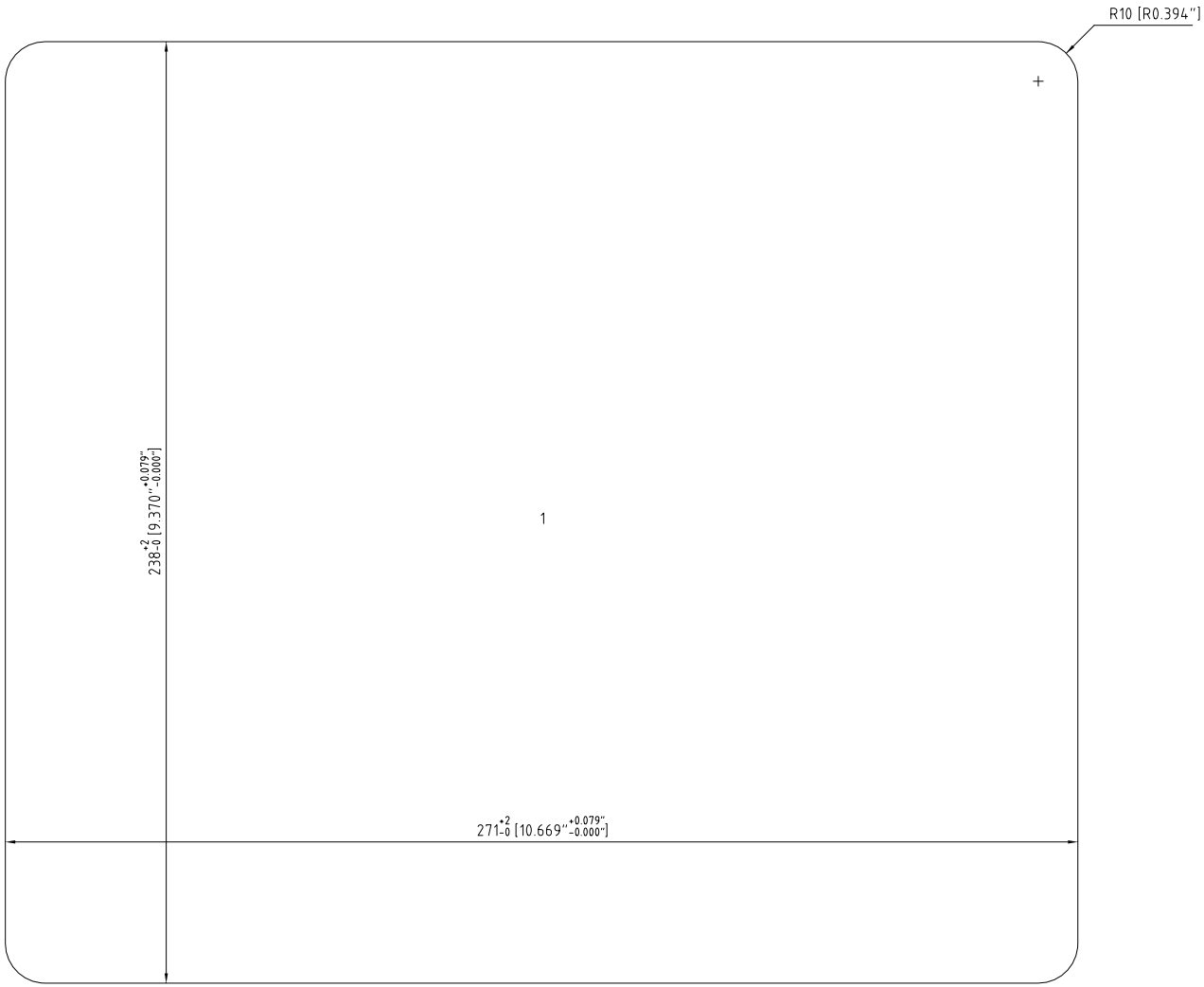
LOWER DECK MCT

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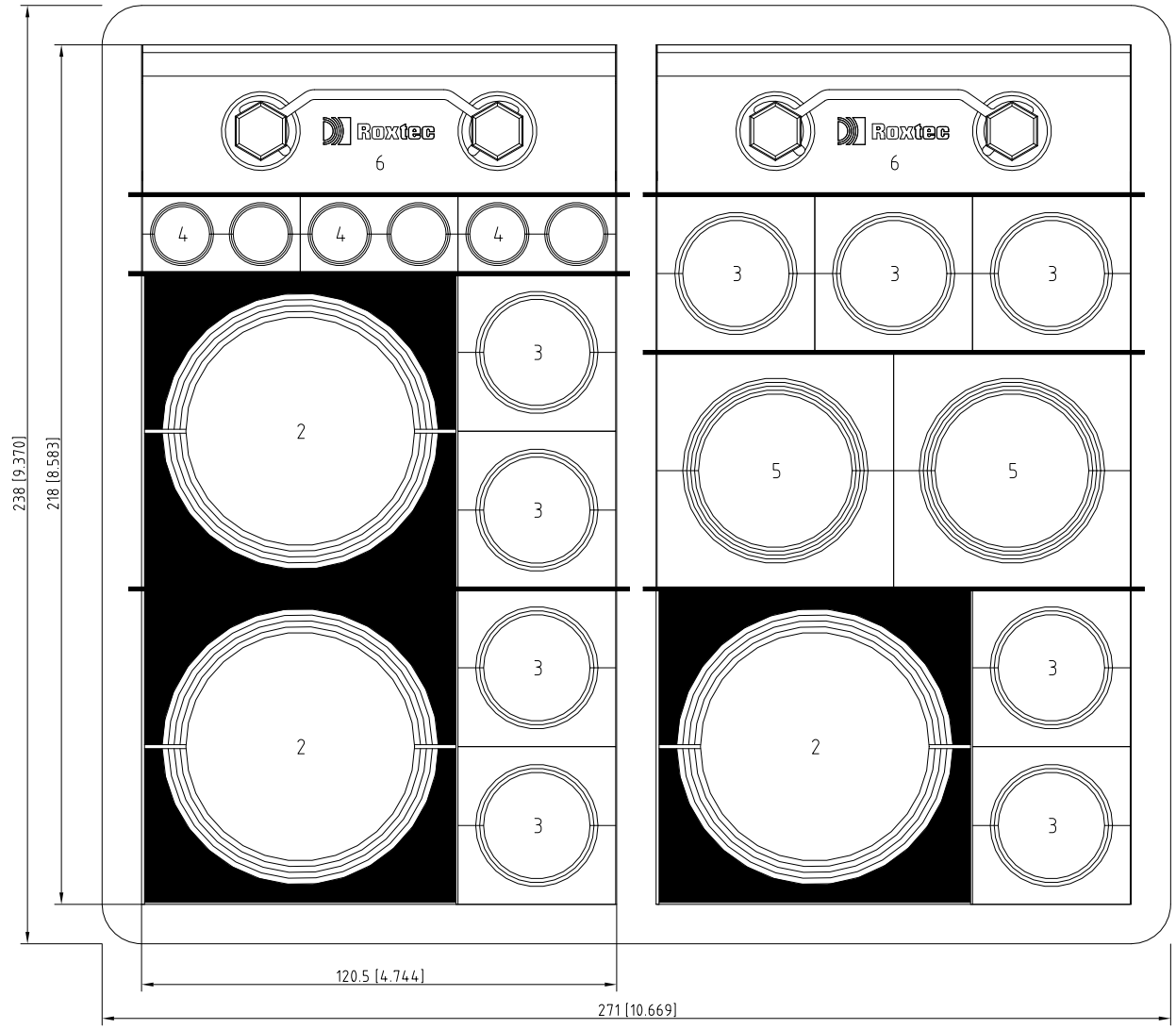
Cutout Detail

Frame: S 6x2 AISI316 Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	11.9 [26.24]
Roxtec	Format NTS		Transit name E-MCT-101	Sheet No 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material (mm ["])	Roxtec Art No	Weight Kg [lb]
7	6	Stayplate 120 AISI 316	ASP0001200021	0.1 [0.22]
6	2	Wedge 120 AISI 316	ARW0001201021	0.8 [1.76]
5	2	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
4	3	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
3	9	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
2	3	RM 80 48-71 [1.890"-2.795"]	5RM0000003350	0.6 [1.30]
1	1	S 6x2 AISI316	S006000000221	5.8 [12.79]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	11.9 [26.24]
Roxtec	Format NTS		Transit name E-MCT-101	Sheet No 2/3
	Client		Drawing number	Rev

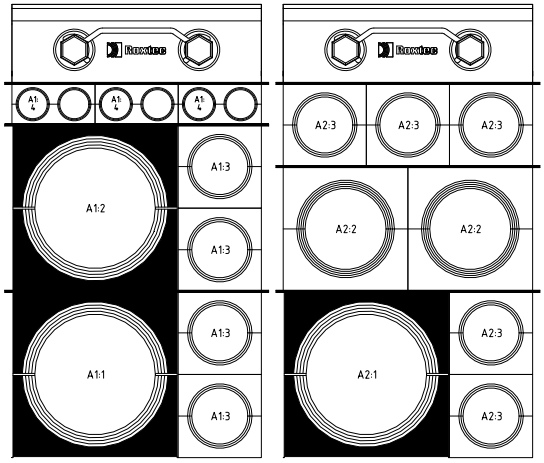
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A1 A2

A1 A2



Note 1: The Diameter of 66kV cable (52mm) is from ELAND cable catalogue.

A2:3						RM 40 21.5-34.5 [0.846"-1.358"]
A2:2						RM 60 28-54 [1.102"-2.126"]
A2:1	81002-CEH-L2	66/6.6 kV, 7MVA Transformer	1C X 300	Power	52 [2.047"]	RM 80 48-71 [1.890"-2.795"]
A1:4						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:3						RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	81002-CEH-L3	66/6.6 kV, 7MVA Transformer	1C X 300	Power	52 [2.047"]	RM 80 48-71 [1.890"-2.795"]
A1:1	81002-CEH-L1	66/6.6 kV, 7MVA Transformer	1C X 300	Power	52 [2.047"]	RM 80 48-71 [1.890"-2.795"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS	TotWeight: 11.9 [26.24]
Roxtec	Format: NTS		Location/ Sublocation	Sheet No: 3/3
	Client	Drawing number	Transit name: E-MCT-101	Rev

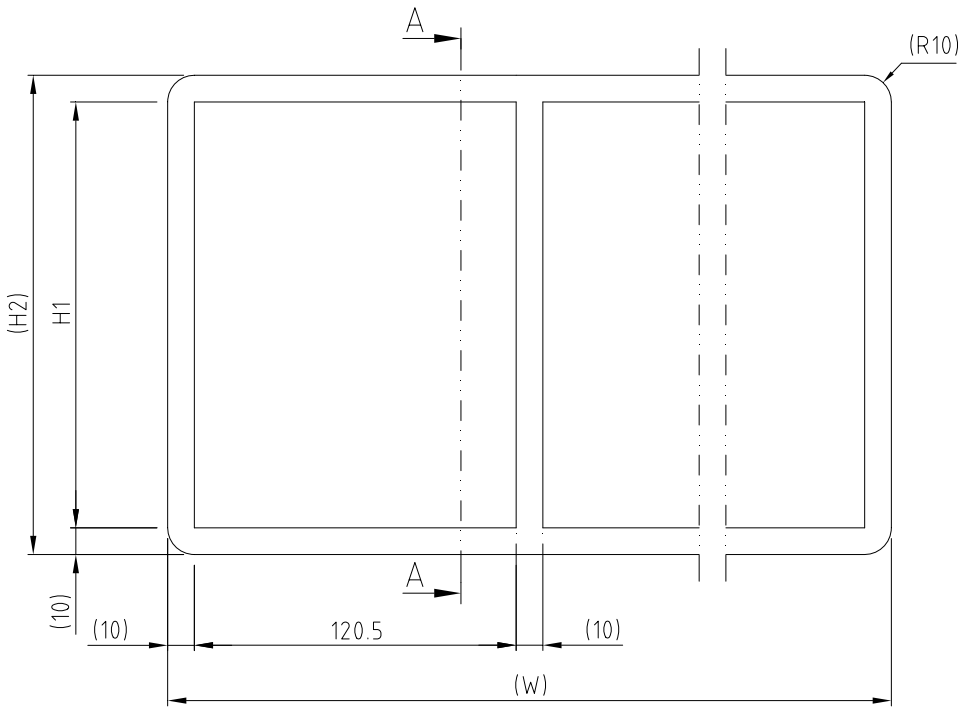
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

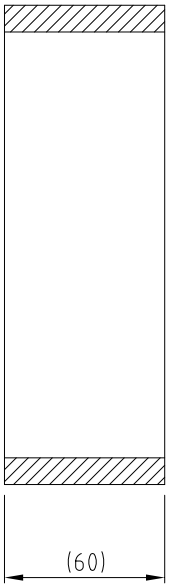
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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

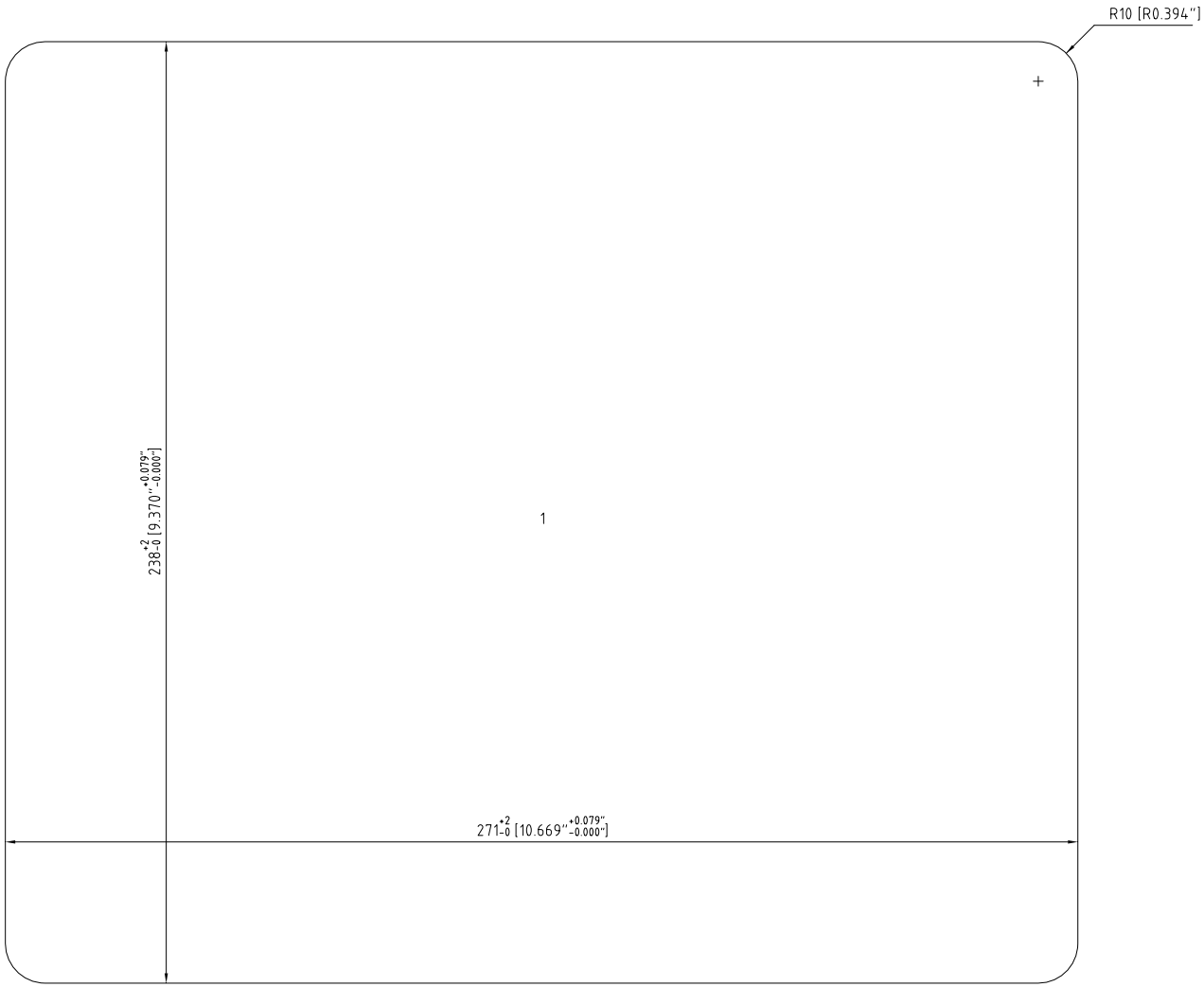
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

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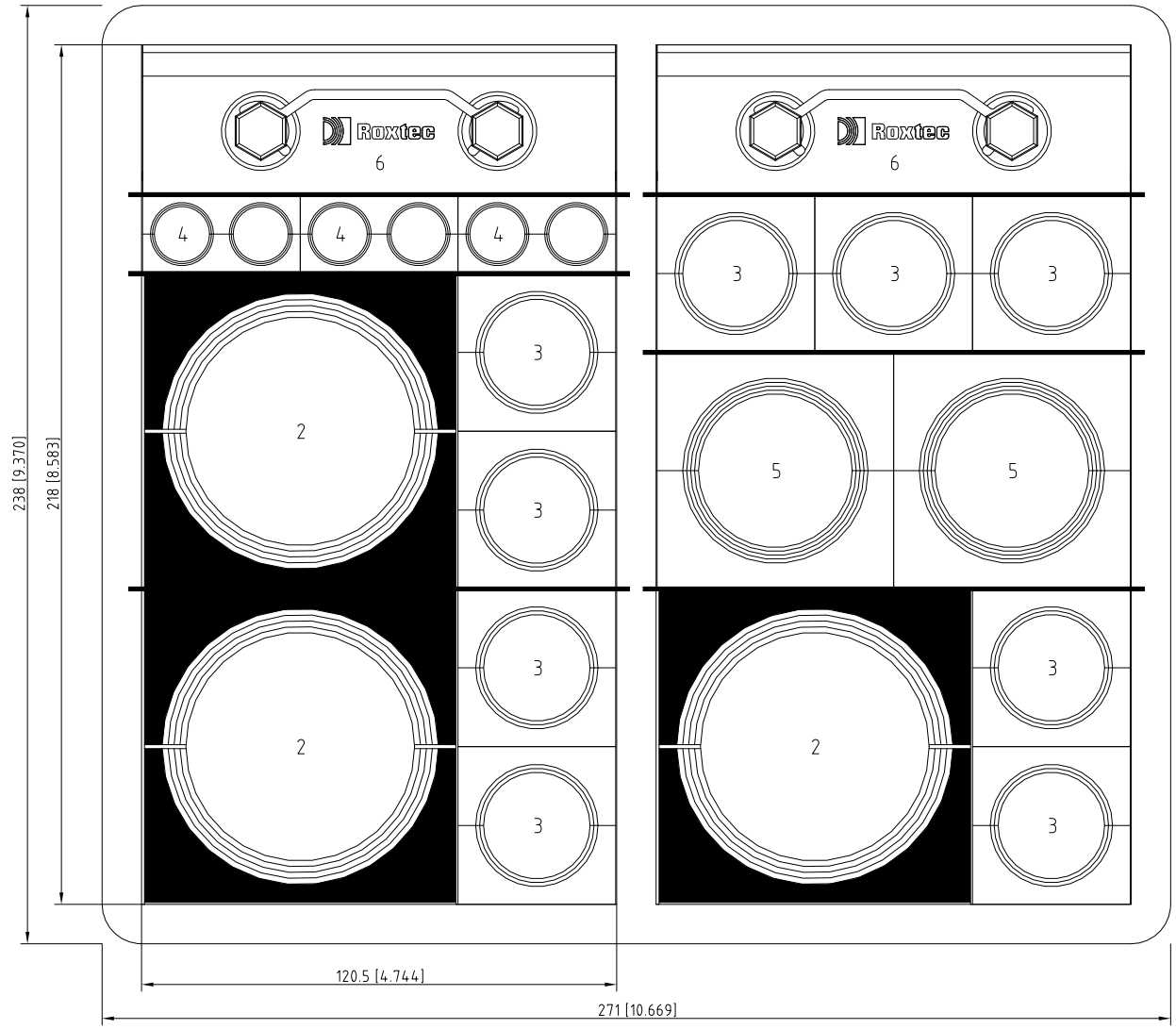
Cutout Detail

Frame: S 6x2 AISI316 Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 11.9 [26.24]
Roxtec	Format: NTS		Transit name: E-MCT-102	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
7	6	Stayplate 120 AISI 316	ASP0001200021	0.1 [0.22]
6	2	Wedge 120 AISI 316	ARW0001201021	0.8 [1.76]
5	2	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
4	3	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
3	9	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
2	3	RM 80 48-71 [1.890"-2.795"]	5RM0000003350	0.6 [1.30]
1	1	S 6x2 AISI316	S006000000221	5.8 [12.79]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	11.9 [26.24]
Roxtec	Format NTS		Transit name E-MCT-102	Sheet No 2/3
	Client		Drawing number	Rev

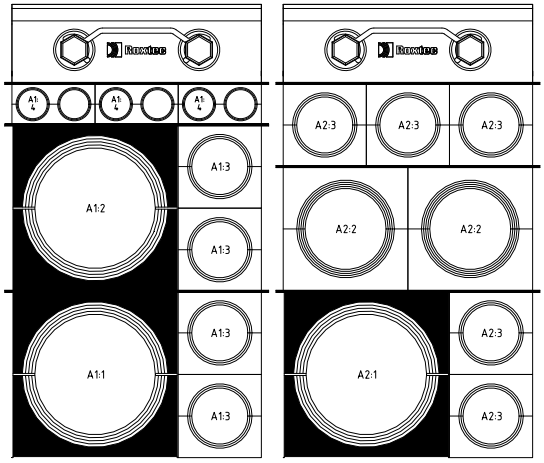
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A1 A2

A1 A2



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Note 1: The Diameter of 66kV cable (52mm) is from ELAND cable catalogue.

Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/['])	Module Type
A2:3						RM 40 21.5-34.5 [0.846"-1.358"]
A2:2						RM 60 28-54 [1.102"-2.126"]
A2:1	81001-CEH-L2	66kV GIS	1C X 300	Power	52 [2.047"]	RM 80 48-71 [1.890"-2.795"]
A1:4						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:3						RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	81001-CEH-L3	66kV GIS	1C X 300	Power	52 [2.047"]	RM 80 48-71 [1.890"-2.795"]
A1:1	81001-CEH-L1	66kV GIS	1C X 300	Power	52 [2.047"]	RM 80 48-71 [1.890"-2.795"]

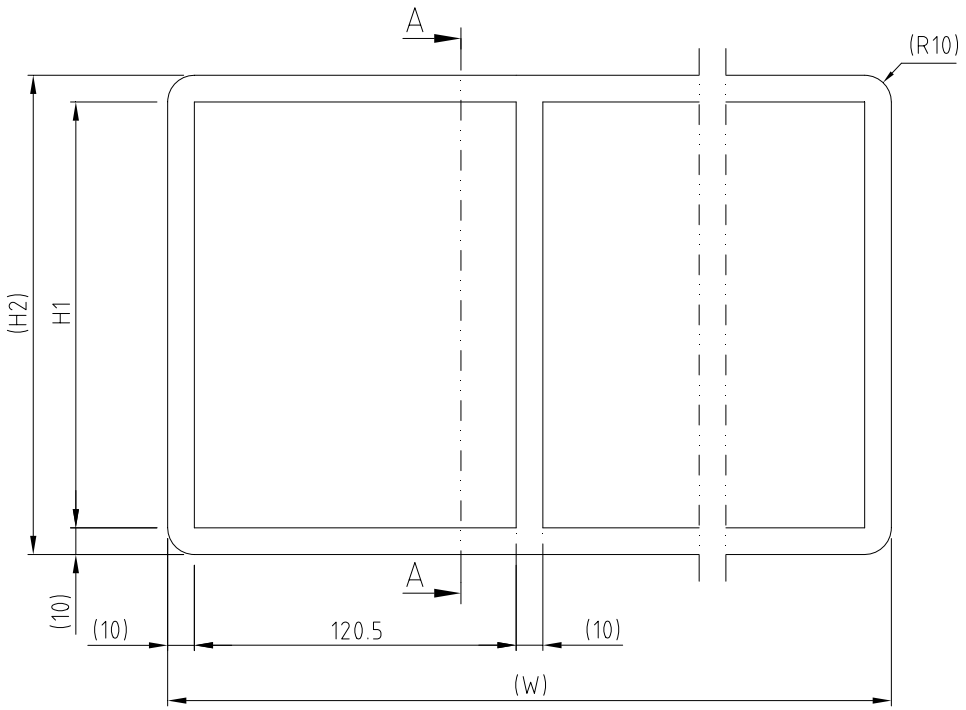
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

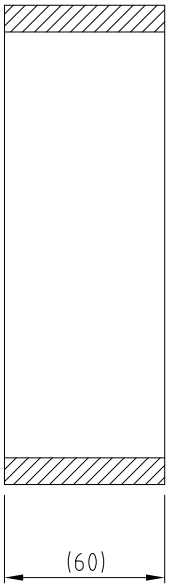
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 11.9 [26.24]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-102		
	Client		Drawing number		Rev

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

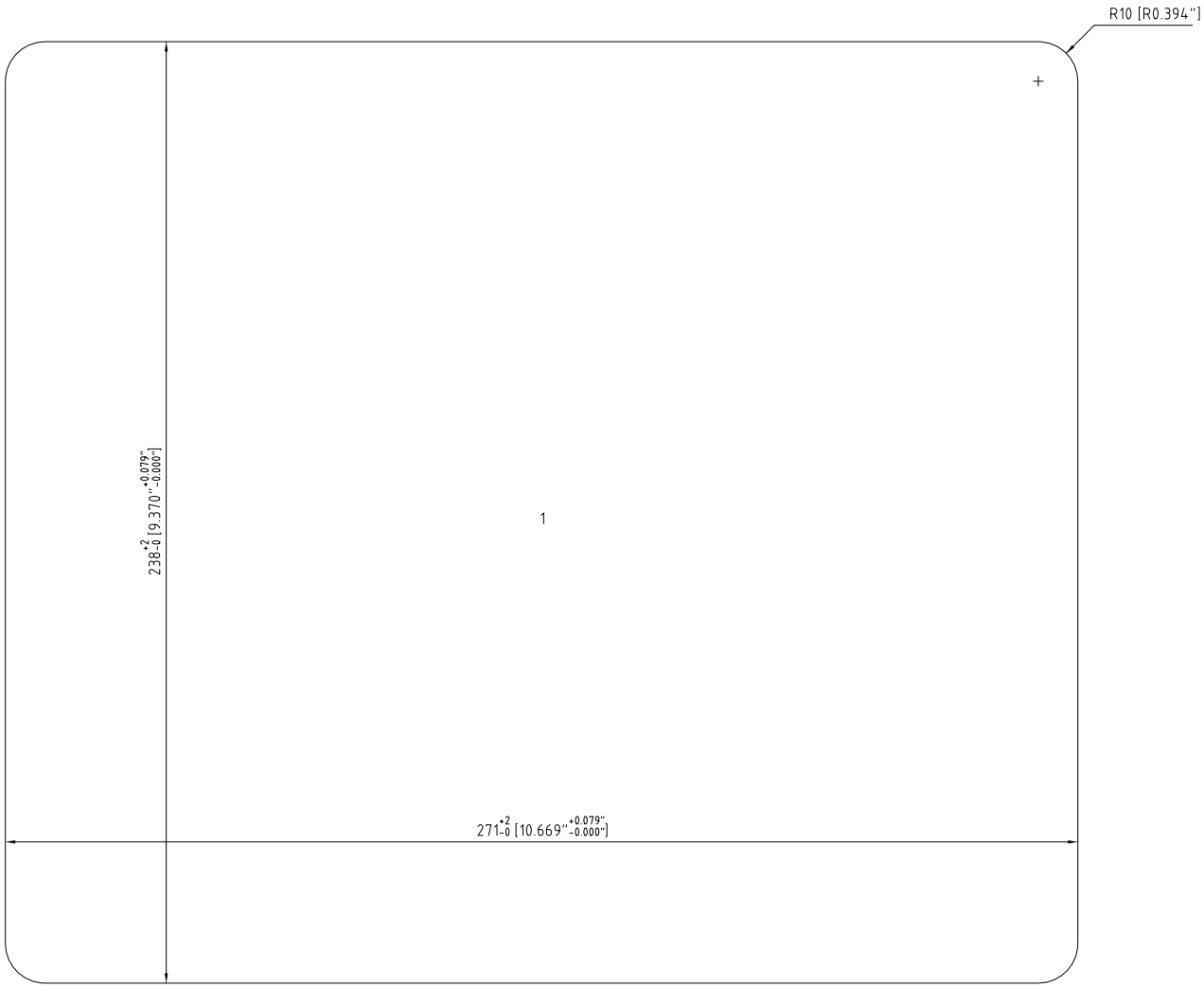
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

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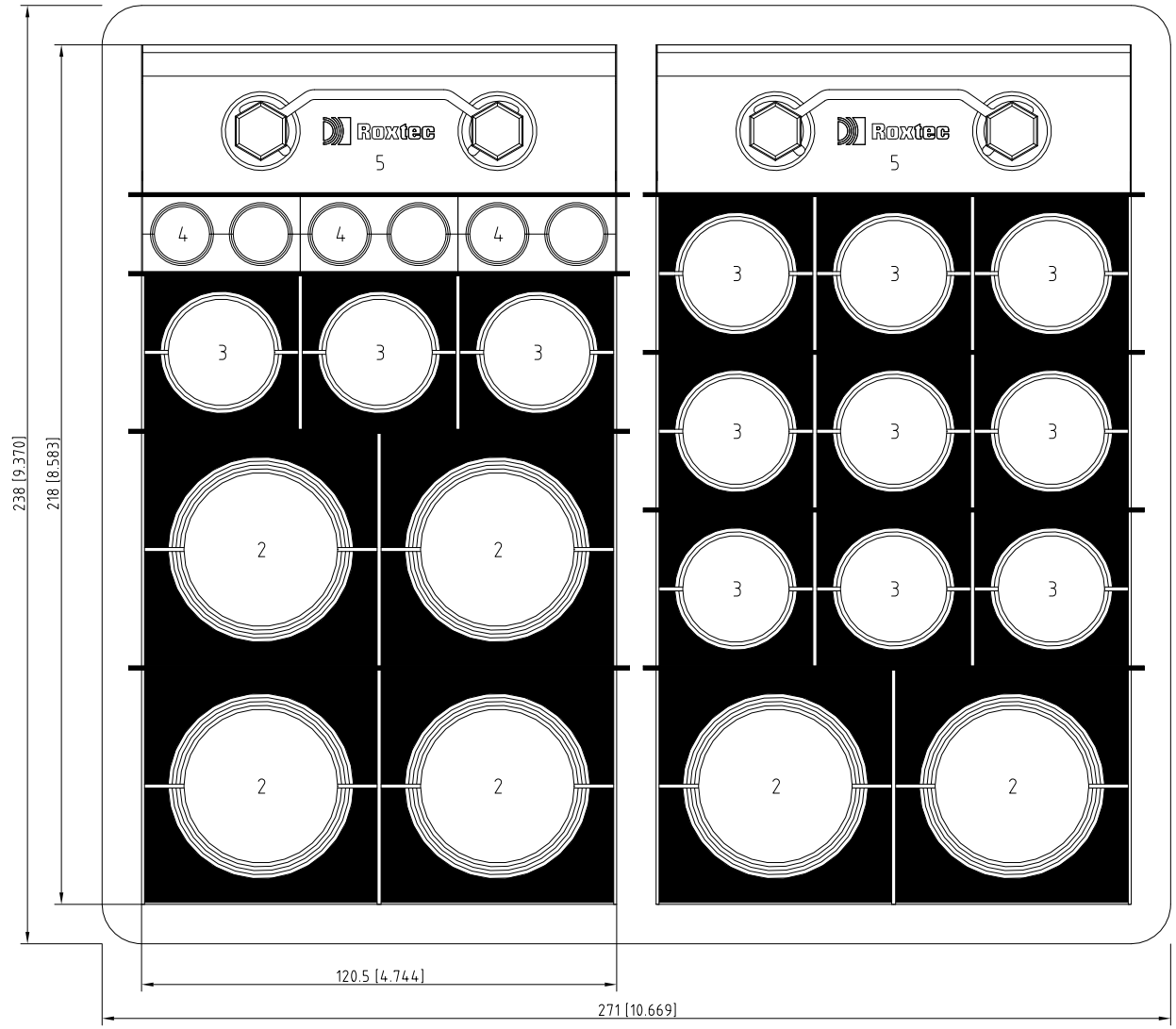
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 12 [26.35]
Roxtec	Format: NTS		Transit name: E-MCT-103	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	8	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	3	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
3	12	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
2	6	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation		TotWeight: 12 [26.35]
Roxtec	Format: NTS		Transit name: E-MCT-103		Sheet No: 2/3
	Client		Drawing number		Rev

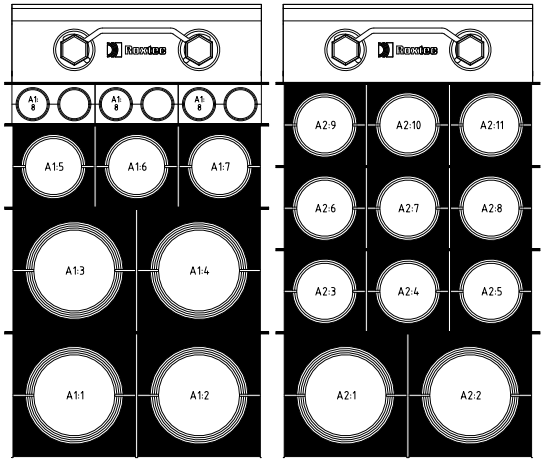
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A1 A2

A1 A2



A2:11	82006-CEM-1-L3	6.6/0.8 KV, 0.5MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:10	82006-CEM-1-L2	6.6/0.8 KV, 0.5MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:9	82006-CEM-1-L1	6.6/0.8 KV, 0.5MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:8	82003-CEM-1-L3	6.6/0.4 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:7	82003-CEM-1-L2	6.6/0.4 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:6	82003-CEM-1-L1	6.6/0.4 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:5	82002-CEM-1-L3	6.6/0.4 KV, 1.6MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:4	82002-CEM-1-L2	6.6/0.4 KV, 1.6MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:3	82002-CEM-1-L1	6.6/0.4 KV, 1.6MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:2	82001-CEM-2-L1	6.6KV HV Switchgear	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A2:1	82001-CEM-1-L3	6.6KV HV Switchgear	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A1:8						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7	82005-CEM-1-L3	6.6/0.62 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:6	82005-CEM-1-L2	6.6/0.62 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:5	82005-CEM-1-L1	6.6/0.62 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:4	82001-CEM-2-L3	6.6KV HV Switchgear	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A1:3	82001-CEM-2-L2	6.6KV HV Switchgear	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A1:2	82001-CEM-1-L2	6.6KV HV Switchgear	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A1:1	82001-CEM-1-L1	6.6KV HV Switchgear	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 12 [26.35]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
	Client		Transit name: E-MCT-103	Drawing number	Rev

Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

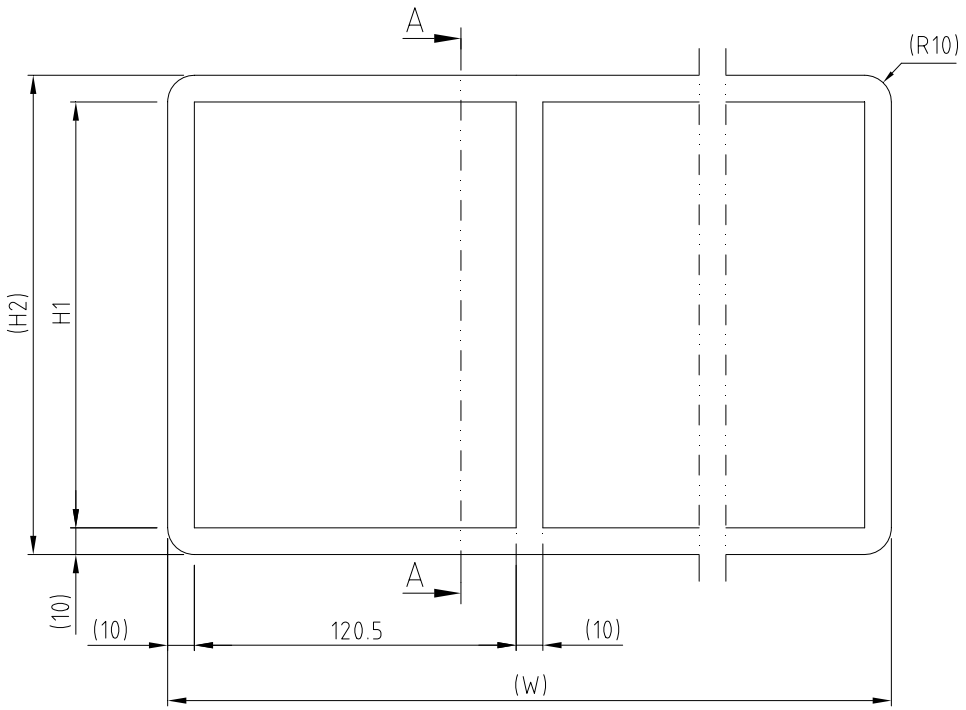
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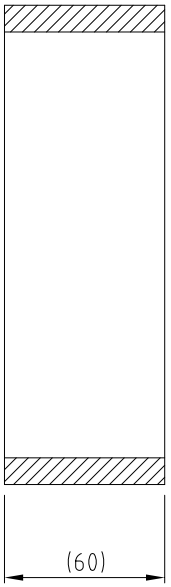
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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

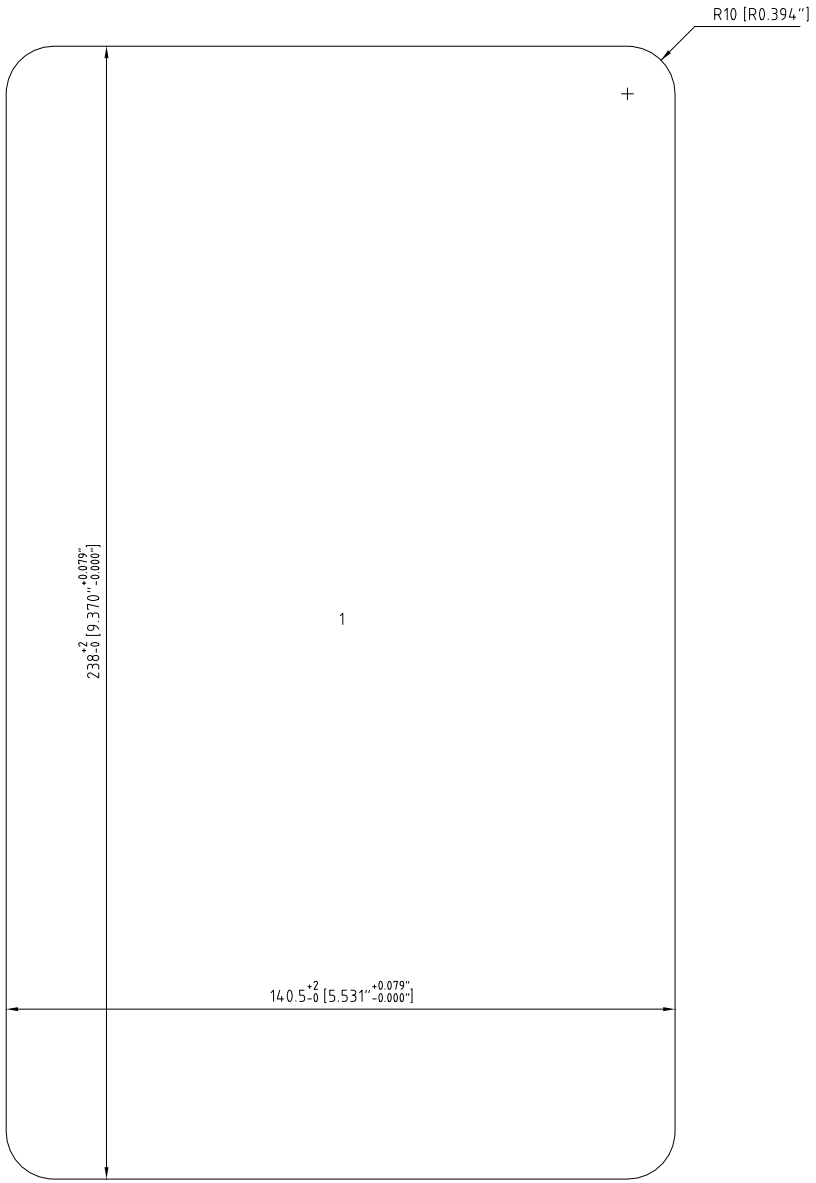
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

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Cutout Detail

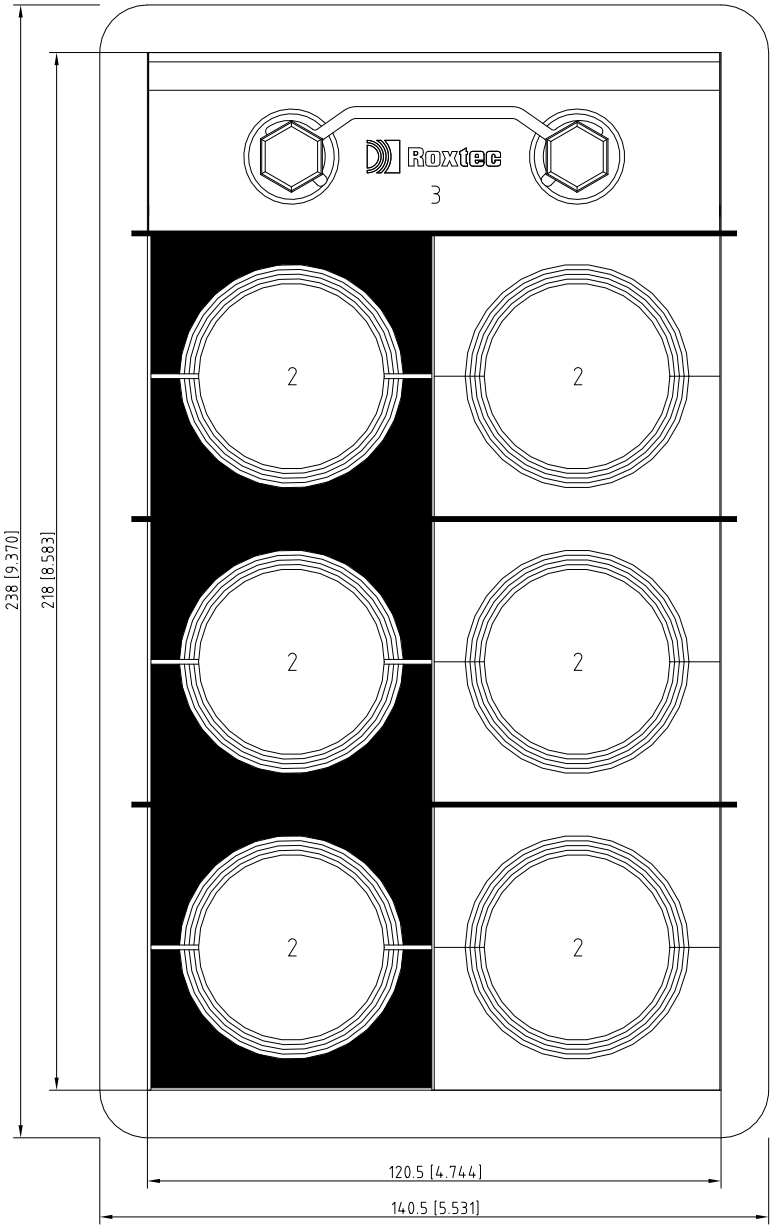
Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	6.5 [14.35]
Roxtec	Format NTS		Transit name E-MCT-104	Sheet No 1/3
	Client		Drawing number	Rev

RTD Version No: 4.37.4.0

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]



MODULE WITH PIPE | MODULE WITH CABLE | SPARE MODULE | SOLID MODULE

Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
4	3	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
3	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
2	6	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	6.5 [14.35]
Roxtec	Format NTS		Transit name E-MCT-104	Sheet No 2/3
	Client		Drawing number	Rev

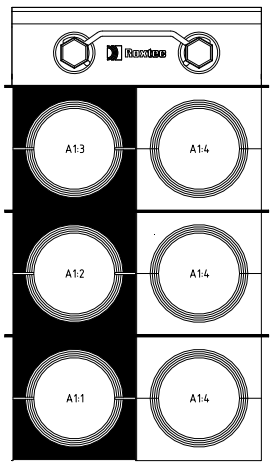
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A1

A1



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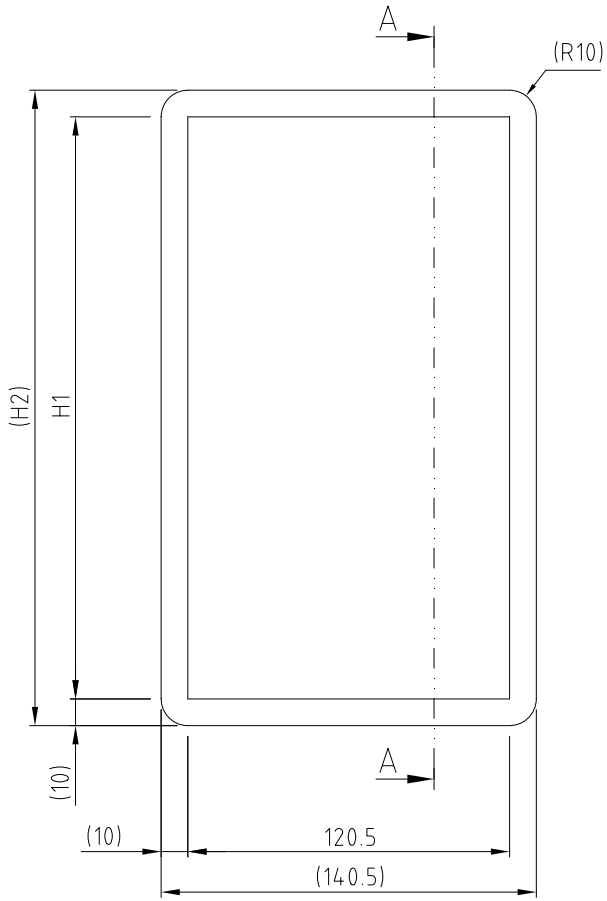
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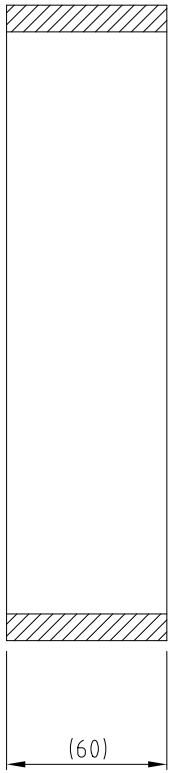
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type
A1:4						RM 60 28-54 [1.102"-2.126"]
A1:3	82004-CEM-1-L3	6.6/0.4/0.4 KV, 3.15MVA Transformer	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A1:2	82004-CEM-1-L2	6.6/0.4/0.4 KV, 3.15MVA Transformer	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A1:1	82004-CEM-1-L1	6.6/0.4/0.4 KV, 3.15MVA Transformer	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 6.5 [14.35]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-104		
	Client		Drawing number		Rev

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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Roxtec

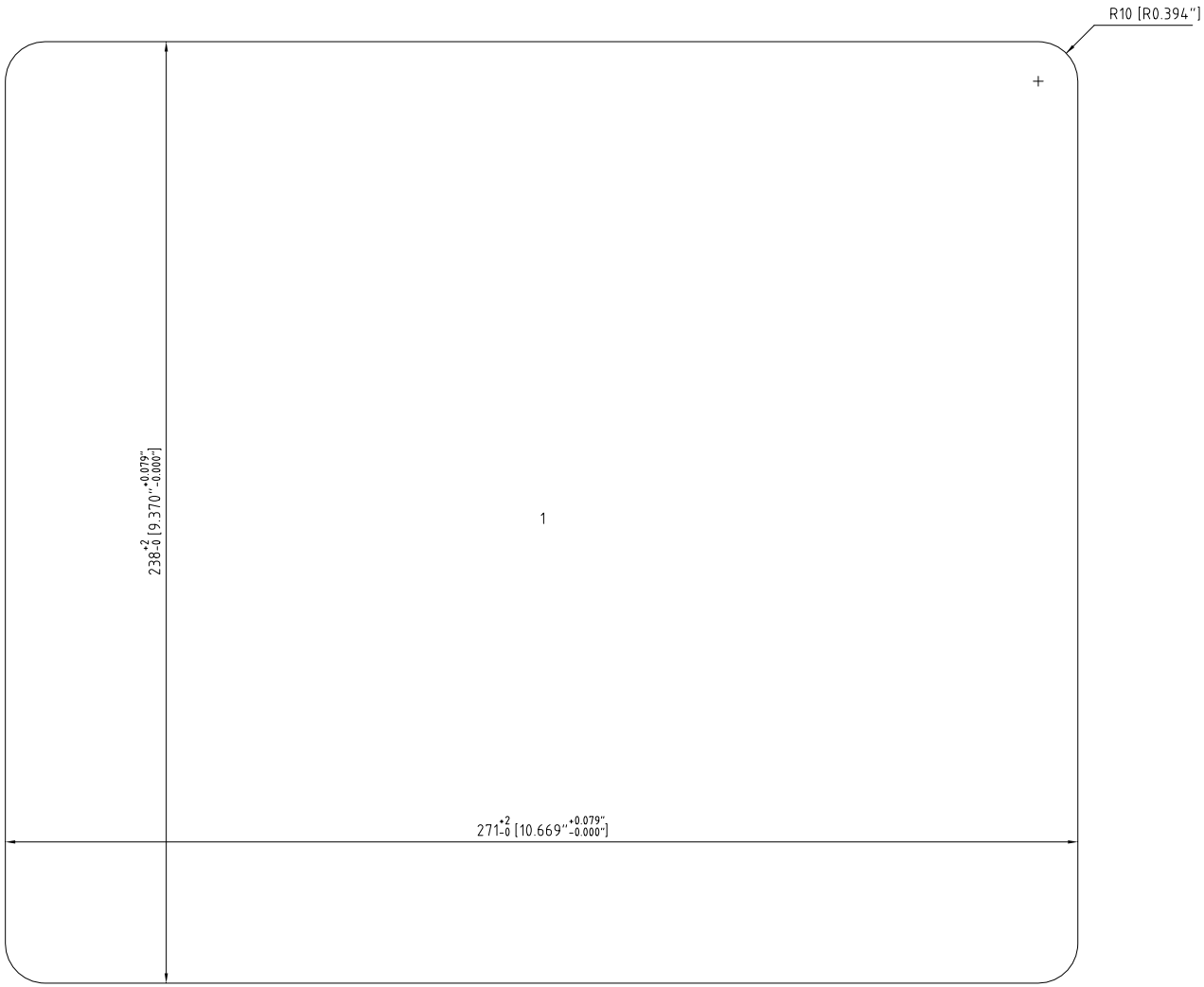
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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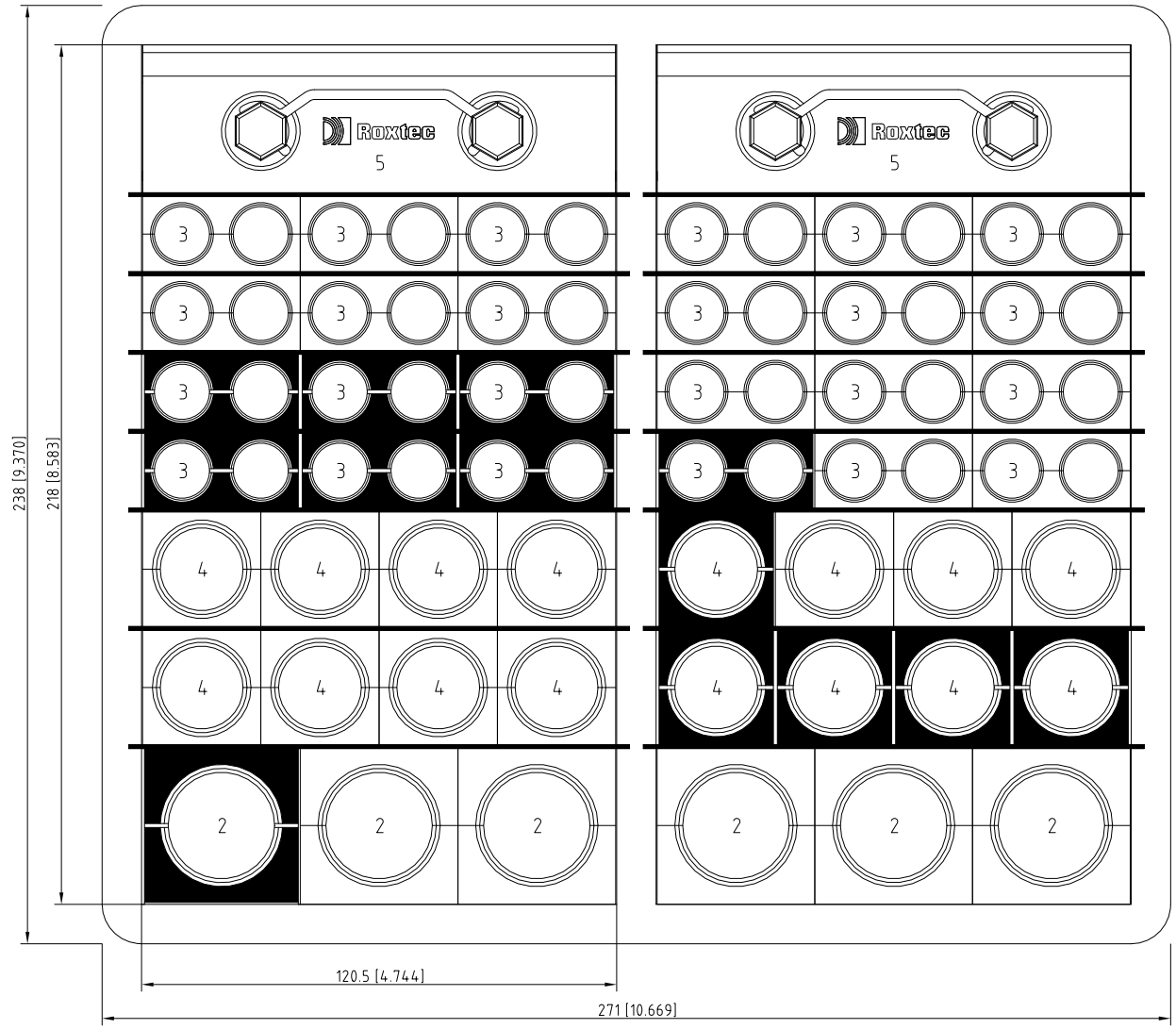
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 12.5 [27.65]
Roxtec	Format: NTS		Transit name: E-MCT-105	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	14	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	16	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
3	24	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	6	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	12.5 [27.65]
Roxtec	Format NTS		Transit name E-MCT-105	Sheet No 2/3
	Client		Drawing number	Rev

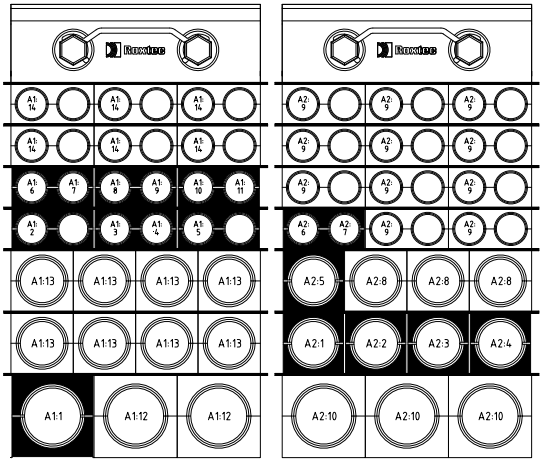
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A1 A2

A1 A2



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A2:10						RM 40 21.5-34.5 [0.846"-1.358"]
A2:9						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:8						RM 30 10-25 [0.394"-0.984"]
A2:7	20001-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:6	85001-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:5	83118-CEL	Auxiliary GIS	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A2:4	83035-CEL	DC Battery System - Switchgears Control - Feeder B	4G16	Power	22 [0.866"]	RM 30 10-25 [0.394"-0.984"]
A2:3	83034-CEL	DC Battery System - Switchgears Control - Feeder A	4G16	Power	22 [0.866"]	RM 30 10-25 [0.394"-0.984"]
A2:2	82007-CEC	BESS UCP	4C X 4	Control	15.4 [0.606"]	RM 30 10-25 [0.394"-0.984"]
A2:1	82006-CEC	BESS UCP	4C X 4	Control	15.4 [0.606"]	RM 30 10-25 [0.394"-0.984"]
A1:14						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:13						RM 30 10-25 [0.394"-0.984"]
A1:12						RM 40 21.5-34.5 [0.846"-1.358"]
A1:11	83119-CEL	Auxiliary 6.6kV Switchboard	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:10	83124-CEL	DC BATTERY SYSTEM AUXILIARY	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:9	83015-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:8	83014-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7	83013-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:6	83012-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:5	82014-CEC	6.6KV HV Switchgear-B6	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:4	83011-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:3	82013-CEC	LV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:2	82008-CEC	Solar Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:1	83023-CEL	HVAC Panels - HV Room	5G16	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

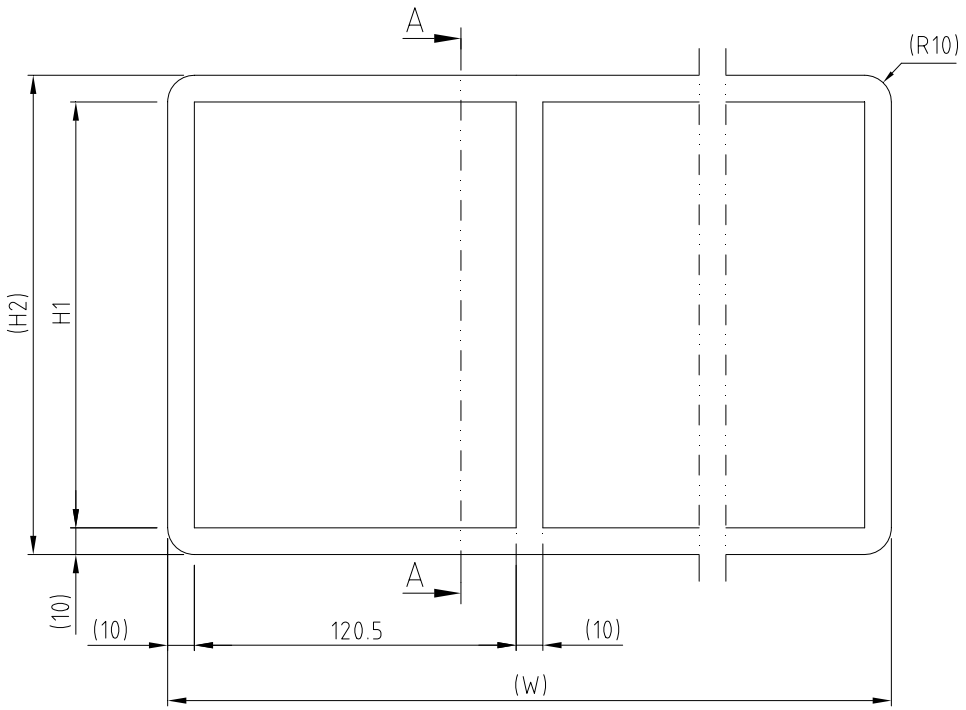
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

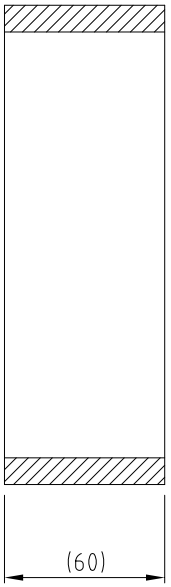
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 12.5 [27.65]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-105		
	Client		Drawing number		Rev

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

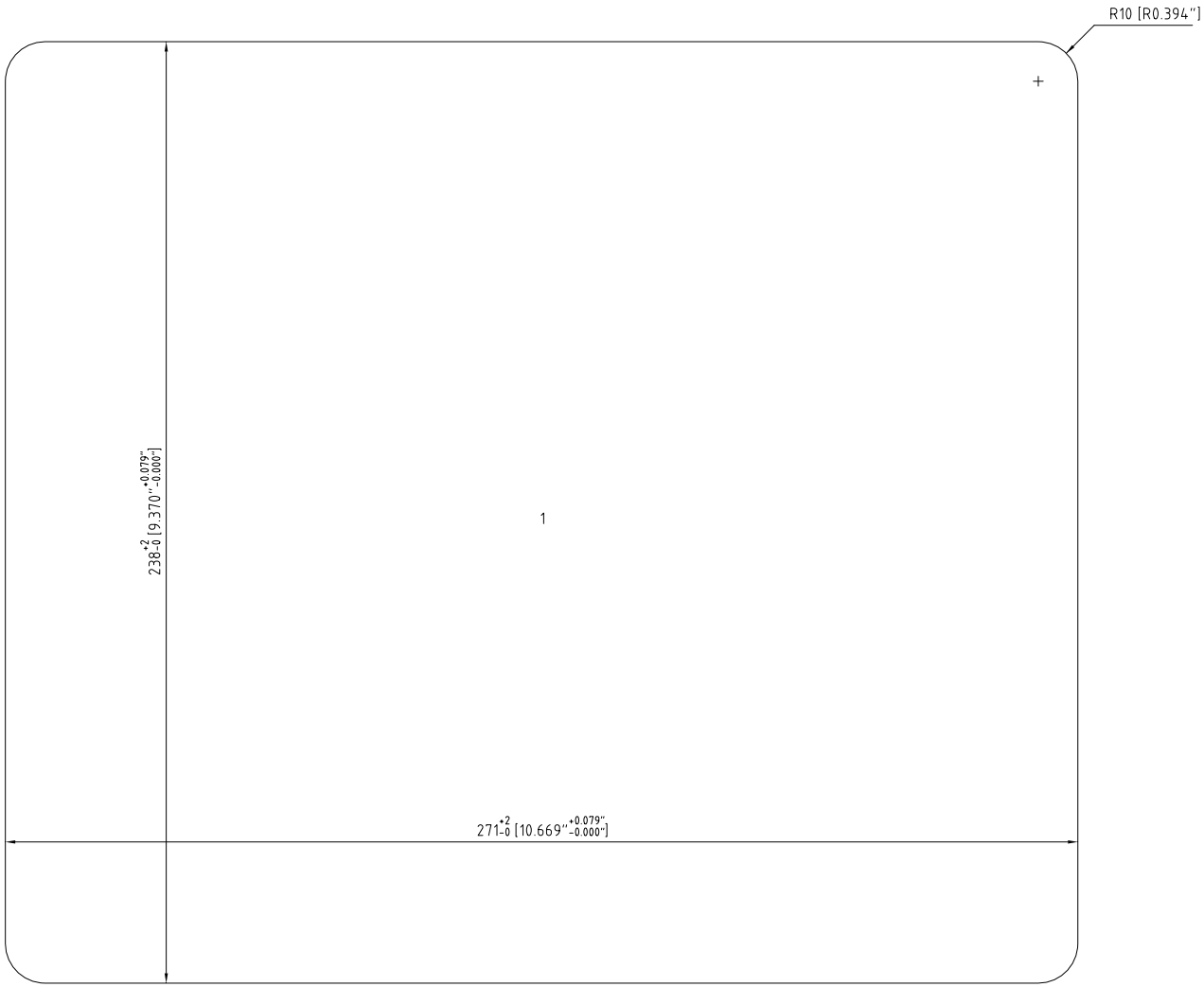
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

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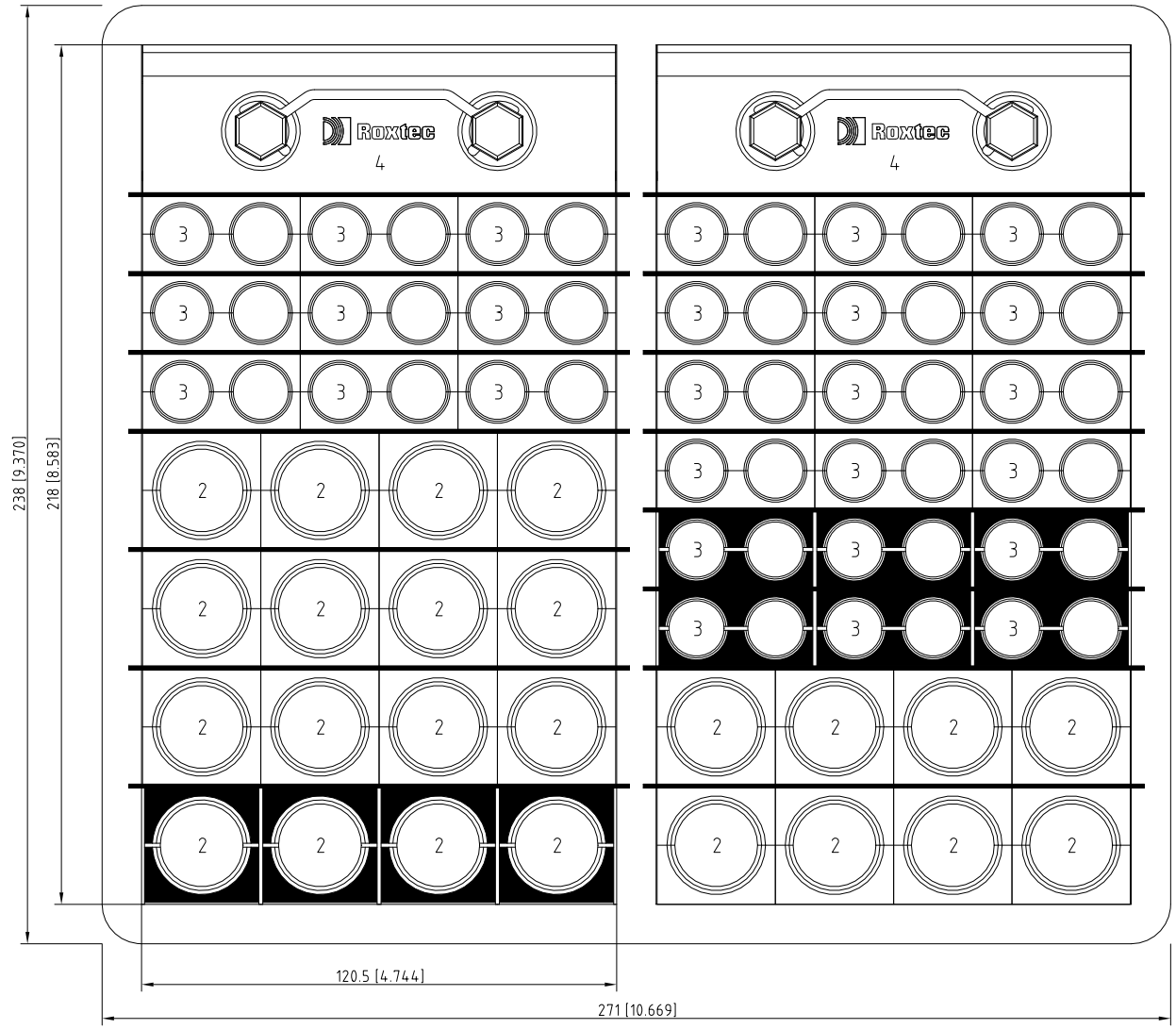
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS Location/ Sublocation	TotWeight: 12.7 [27.91]
Roxtec	Format: NTS		Transit name: E-MCT-106	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	15	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
4	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
3	27	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	24	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-10	BLPH - ROS Location/ Sublocation	12.7 [27.91]
Roxtec	Format NTS		Transit name E-MCT-106	Sheet No 2/3
	Client		Drawing number	Rev

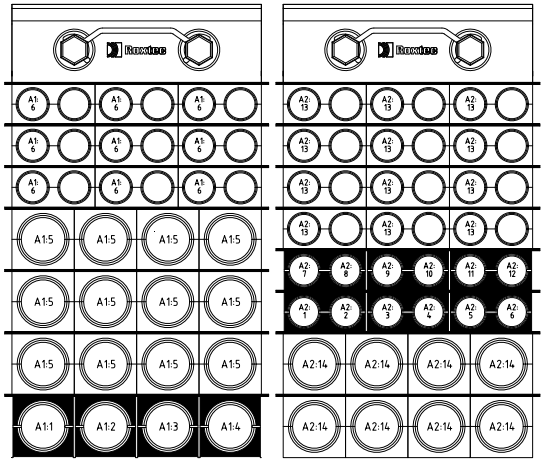
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A1 A2

A1 A2



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A2:14						RM 30 10-25 [0.394"-0.984"]
A2:13						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:12	83006-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:11	83005-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:10	83004-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:9	83003-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:8	83002-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:7	83001-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:6	81008-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:5	81007-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:4	81006-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:3	81005-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:2	81004-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:1	81003-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:6						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:5						RM 30 10-25 [0.394"-0.984"]
A1:4	84314-CEL	UCP - HVAC HV Room	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:3	82002-CEC	66/6.6 kV, 7MVA Transformer	4C X 4	Control	15.4 [0.606"]	RM 30 10-25 [0.394"-0.984"]
A1:2	81002-CEC	6.6KV HV Switchgear	4C X 4	Control	15.4 [0.606"]	RM 30 10-25 [0.394"-0.984"]
A1:1	81001-CEC	LCP GIS	4C X 4	Control	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

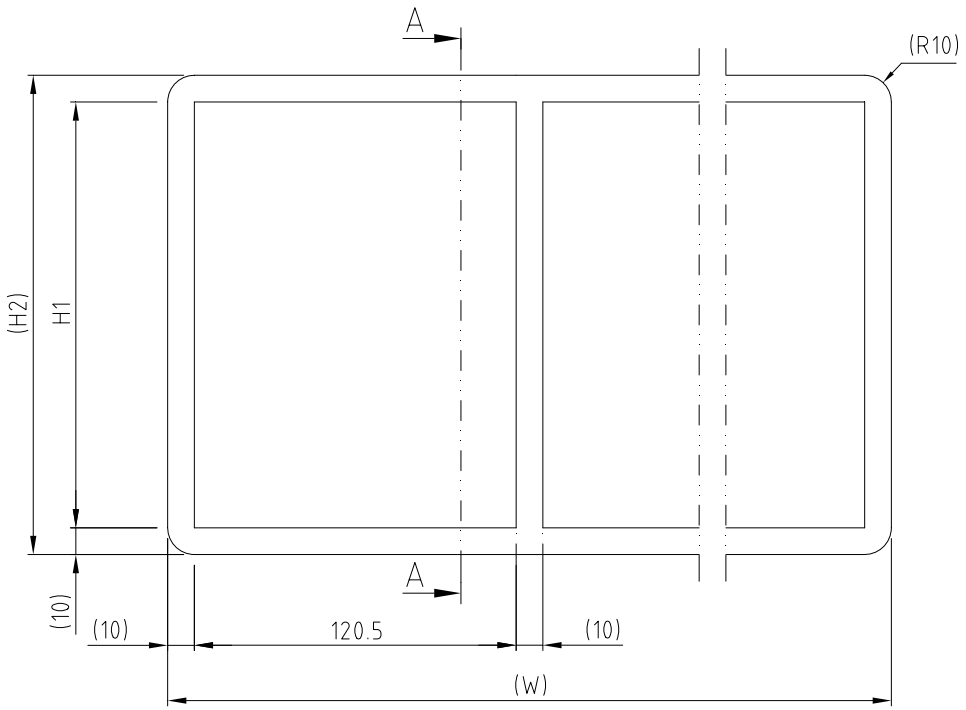
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

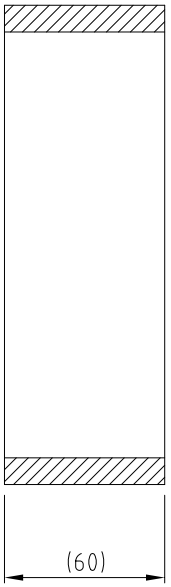
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Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-106		
	Client		Drawing number		Rev

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

ROXTEC INTERNATIONAL AB
BOX 540 S-371 23 Karlskrona
TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

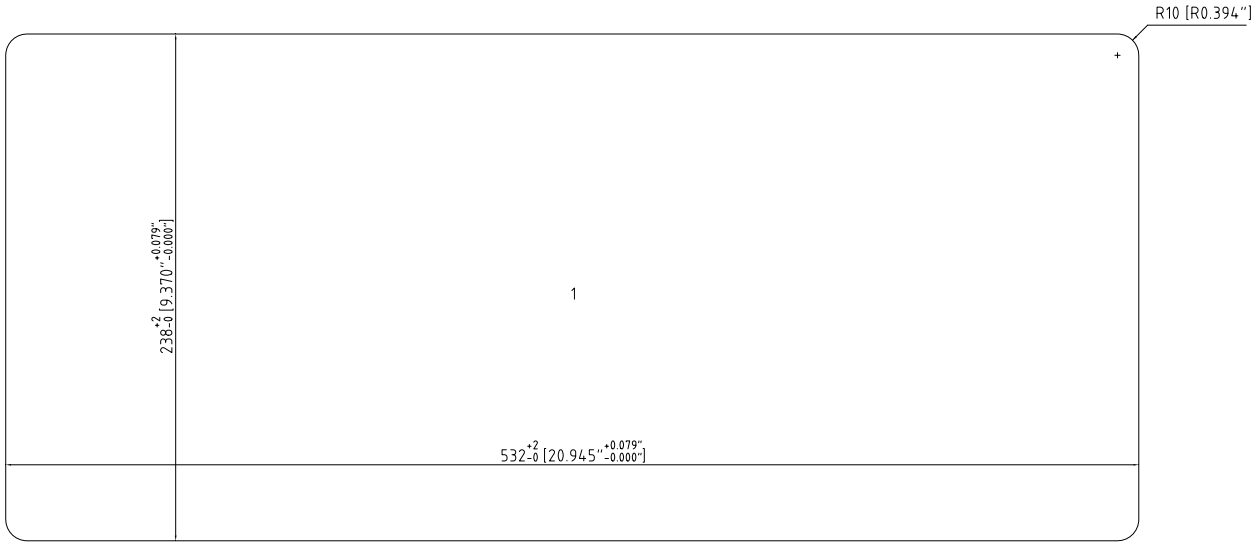
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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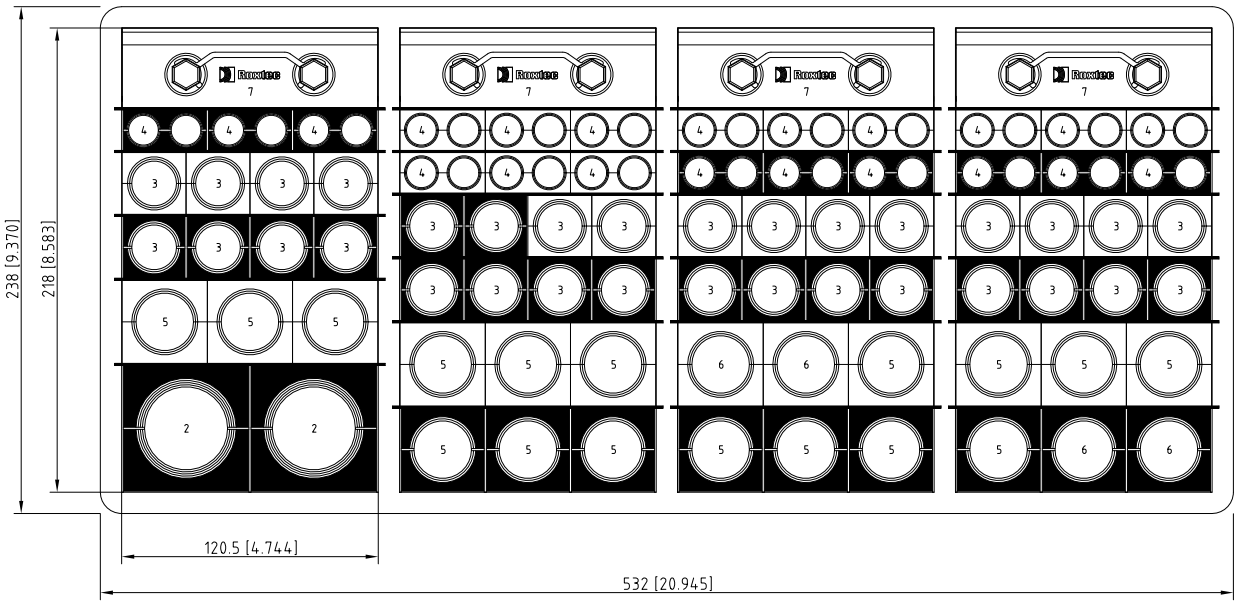
Cutout Detail

Frame: S 6x4 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 23.5 [51.72]
Roxtec	Format: NTS		Transit name: E-MCT-201	Sheet No: 1/4
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 532x238 [20.945"x9.370"]



MODULE WITH PIPE | MODULE WITH CABLE | SPARE MODULE | SOLID MODULE

Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
8	23	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
7	4	Wedge 120 galv	ARW0001201018	0.8 [1.76]
6	4	RM 40/10-32 9.5-32.5 [0.374"-1.280"]	RM00140101000	0.1 [0.31]
5	17	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
4	21	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
3	32	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
2	2	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
1	1	S 6x4 PRIMED	S006000000412	10.1 [22.27]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	23.5 [51.72]
Roxtec	Format NTS		Transit name E-MCT-201	Sheet No 2/4
	Client		Drawing number	Rev

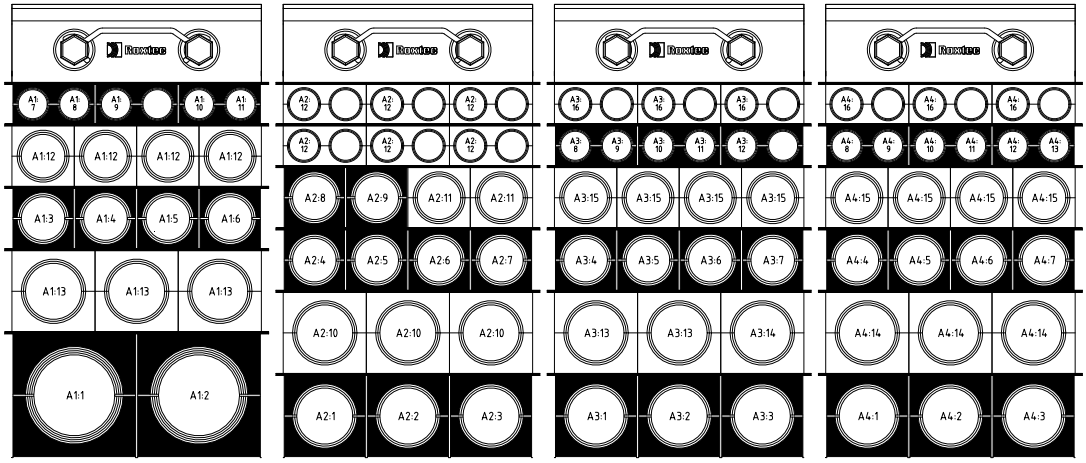
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A1 A2 A3 A4

A1 A2 A3 A4



OPENING TABLE CONTINUE ON THE NEXT PAGE

A4:3	83037-CEL	DC UPS - NAVAID System - Feeder B	3G16	Power	23.6 [0.929"]	RM 40/10-32 9.5-32.5 [0.374"-1.280"]
A4:2	83036-CEL	DC UPS NAVAID System - Feeder A	3G16	Power	23.6 [0.929"]	RM 40/10-32 9.5-32.5 [0.374"-1.280"]
A4:1	83023-CEL	HVAC Panels - HV Room	5G16	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
A3:16						RM 20W40 3.5-16.5 [0.138"-0.650"]
A3:15						RM 30 10-25 [0.394"-0.984"]
A3:14						RM 40 21.5-34.5 [0.846"-1.358"]
A3:13						RM 40/10-32 9.5-32.5 [0.374"-1.280"]
A3:12	83015-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A3:11	82013-CEC	LV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A3:10	82008-CEC	Solar Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A3:9	6W2.1	EAJ-200-01	2C X 2.5	Control	9.5 [0.374"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A3:8	5W2.1	EAJ-200-02	2C X 2.5	Control	9.5 [0.374"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A3:7	83034-CEL	DC Battery System - Switchgears Control - Feeder A	4G16	Power	22 [0.866"]	RM 30 10-25 [0.394"-0.984"]
A3:6	83019-CEL	Sea water intake pump B	4G4	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A3:5	83018-CEL	Sea water intake pump A	4G4	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A3:4	83015-CEL	BESS LV2 Cabinet (+DISTR 2)	4C X 10	Power	19.3 [0.760"]	RM 30 10-25 [0.394"-0.984"]
A3:3	83003-CEL-L3	6.6/0.8 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A3:2	83003-CEL-L2	6.6/0.8 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A3:1	83003-CEL-L1	6.6/0.8 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:12						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:11						RM 30 10-25 [0.394"-0.984"]
A2:10						RM 40 21.5-34.5 [0.846"-1.358"]
A2:9	P-ETB-200N1-20-L1-01	Trace Heating - Process Lines - Feeder 7 (Sea Water Pumps)	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A2:8	P-ETB-200N1-19-L3-01	Trace Heating - Process Lines - Feeder 6 (H2 Vent)	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A2:7	83014-CEL	BESS LV1 Cabinet (+DISTR 1)	4C X 10	Power	19.3 [0.760"]	RM 30 10-25 [0.394"-0.984"]
A2:6	83011-CEL	BESS PCS Cabinet	4C X 10	Power	19.3 [0.760"]	RM 30 10-25 [0.394"-0.984"]
A2:5	7WD6.1	EAJ-200-01	1C X 70	Power	17 [0.669"]	RM 30 10-25 [0.394"-0.984"]
A2:4	7WD3	EAJ-200-02	1C X 70	Power	17 [0.669"]	RM 30 10-25 [0.394"-0.984"]
A2:3	83002-CEL-L3	LV SWBD 800/460V	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:2	83002-CEL-L2	LV SWBD 800/460V	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:1	83002-CEL-L1	LV SWBD 800/460V	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:13						RM 40 21.5-34.5 [0.846"-1.358"]
A1:12						RM 30 10-25 [0.394"-0.984"]
A1:11	83104-CEL	SIS -Controller and I/O Cabinet - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:10	83124-CEL	DC BATTERY SYSTEM AUXILIARY	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:9	83119-CEL	Auxiliary 6.6kV Switchboard	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:8	83111-CEL	UCP - N2 Package - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7	83117-CEL	Auxiliary Trafo SOLAR 0,5MVA	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:6	P-ETB-200N1-18-L2-01	Trace Heating - Remote Instrument - Feeder 5	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A1:5	P-EJB-200N1-17-L1-01	Trace Heating - Process Lines - Feeder 4 (WW lines)	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A1:4	P-EJB-200N1-09-L2-01	Emergency Lighting Lower Deck - Circuit No. 1	4G4_E	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:3	P-EJB-200N1-06-L2-01	Small Power Socket JB (Lower Deck)	3G10	Power	17.7 [0.697"]	RM 30 10-25 [0.394"-0.984"]
A1:2	83017-CEL-2	Instrument Air Package	5G70	Power	39.5 [1.555"]	RM 60 28-54 [1.102"-2.126"]
A1:1	83017-CEL-1	Instrument Air Package	5G70	Power	39.5 [1.555"]	RM 60 28-54 [1.102"-2.126"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 23.5 [51.72]
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			Transit name: E-MCT-201		
	Client		Drawing number		Rev

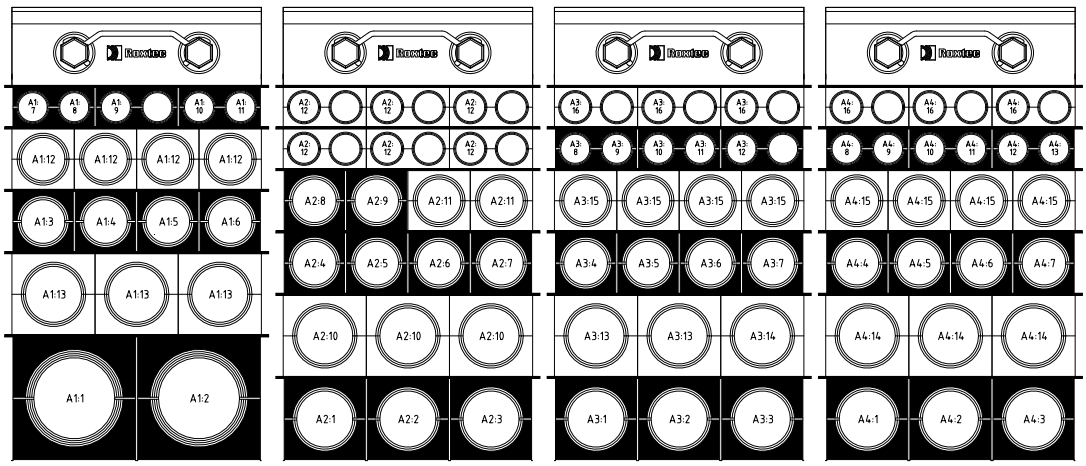
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A1 A2 A3 A4

A1 A2 A3 A4



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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[“])	Module Type
A4:16						RM 20W40 3.5-16.5 [0.138"-0.650"]
A4:15						RM 30 10-25 [0.394"-0.984"]
A4:14						RM 40 21.5-34.5 [0.846"-1.358"]
A4:13	83110-CEL	UCP - Instrument Air Package -A-63000 - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A4:12	83109-CEL	Server cabiner ITER - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A4:11	83108-CEL	System Server / Network Cabinet - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A4:10	83107-CEL	FGS Fire & Gas Panel - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A4:9	83106-CEL	EMCS -Controller and I/O Cabinet - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A4:8	83105-CEL	PCS -Controller and I/O Cabinet - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A4:7	P-EJB-200N1-05-L1-01	Small Power Socket JB(Upper Deck)	3G10	Power	17.7 [0.697"]	RM 30 10-25 [0.394"-0.984"]
A4:6	P-EJB-200N1-04-L3-01	Normal Lighting - Stairs	3G4	Power	14.3 [0.563"]	RM 30 10-25 [0.394"-0.984"]
A4:5	83118-CEL	Auxiliary GIS	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A4:4	83035-CEL	DC Battery System - Switchgears Control - Feeder B	4G16	Power	22 [0.866"]	RM 30 10-25 [0.394"-0.984"]


MODULE WITH PIPE


MODULE WITH CABLE


SPARE MODULE

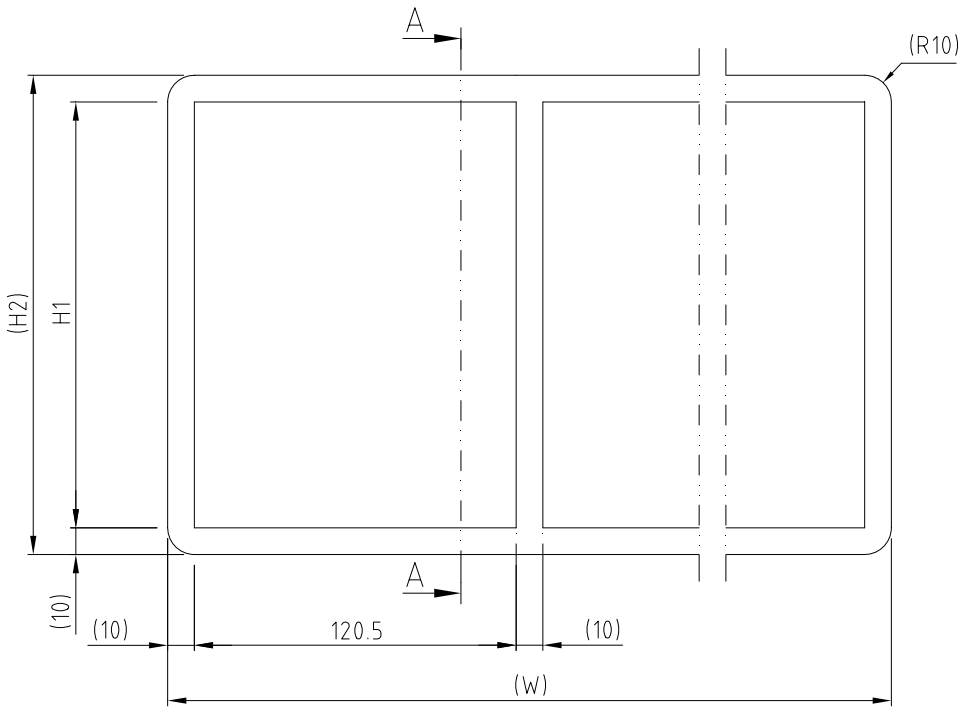

SOLID MODULE

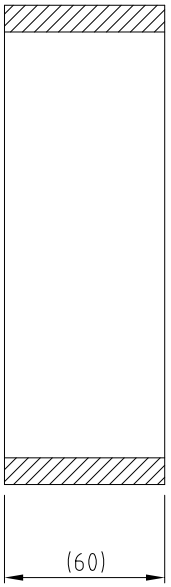
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Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 4/4
	Client		Transit name: E-MCT-201	Drawing number	Rev

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

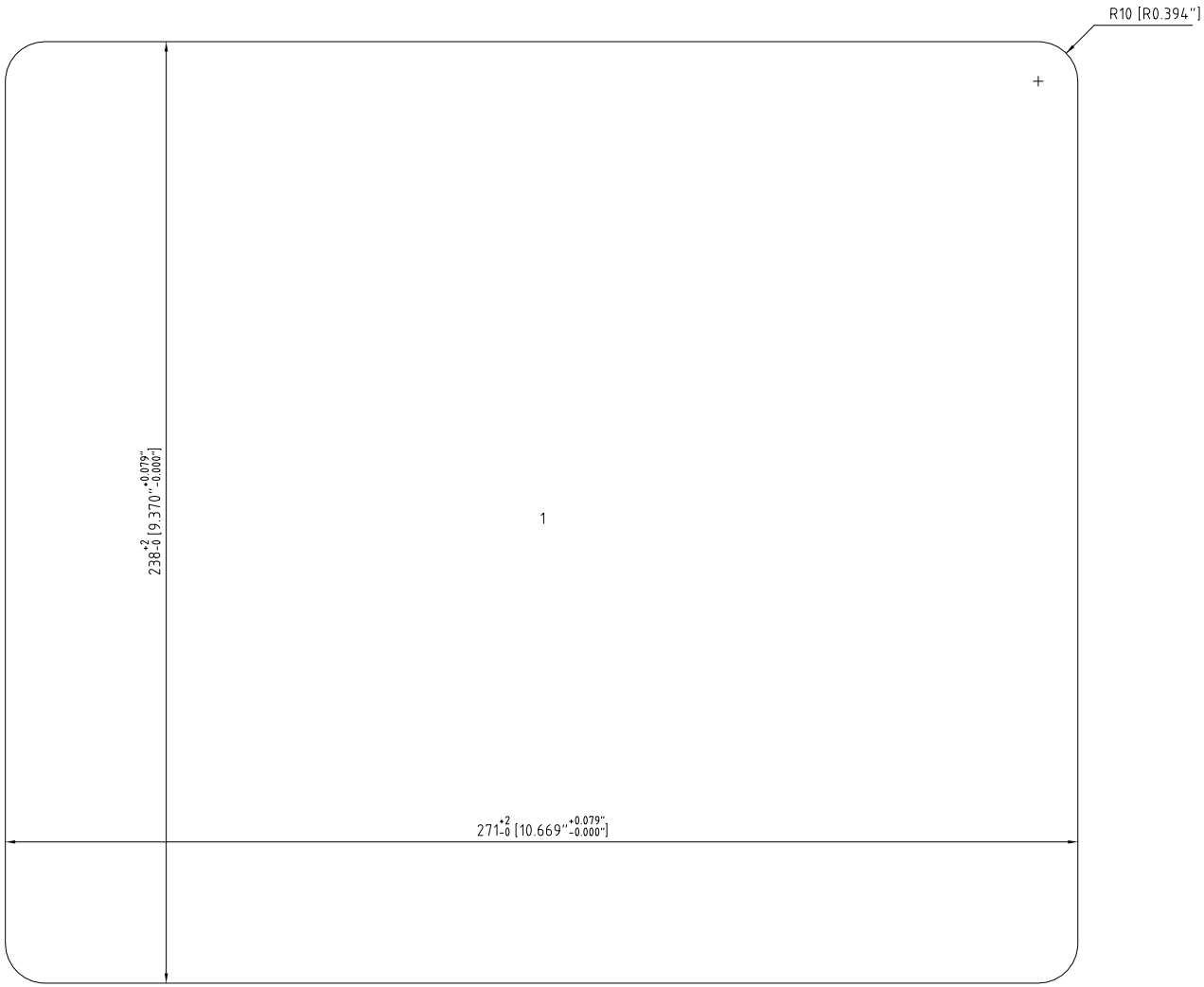
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

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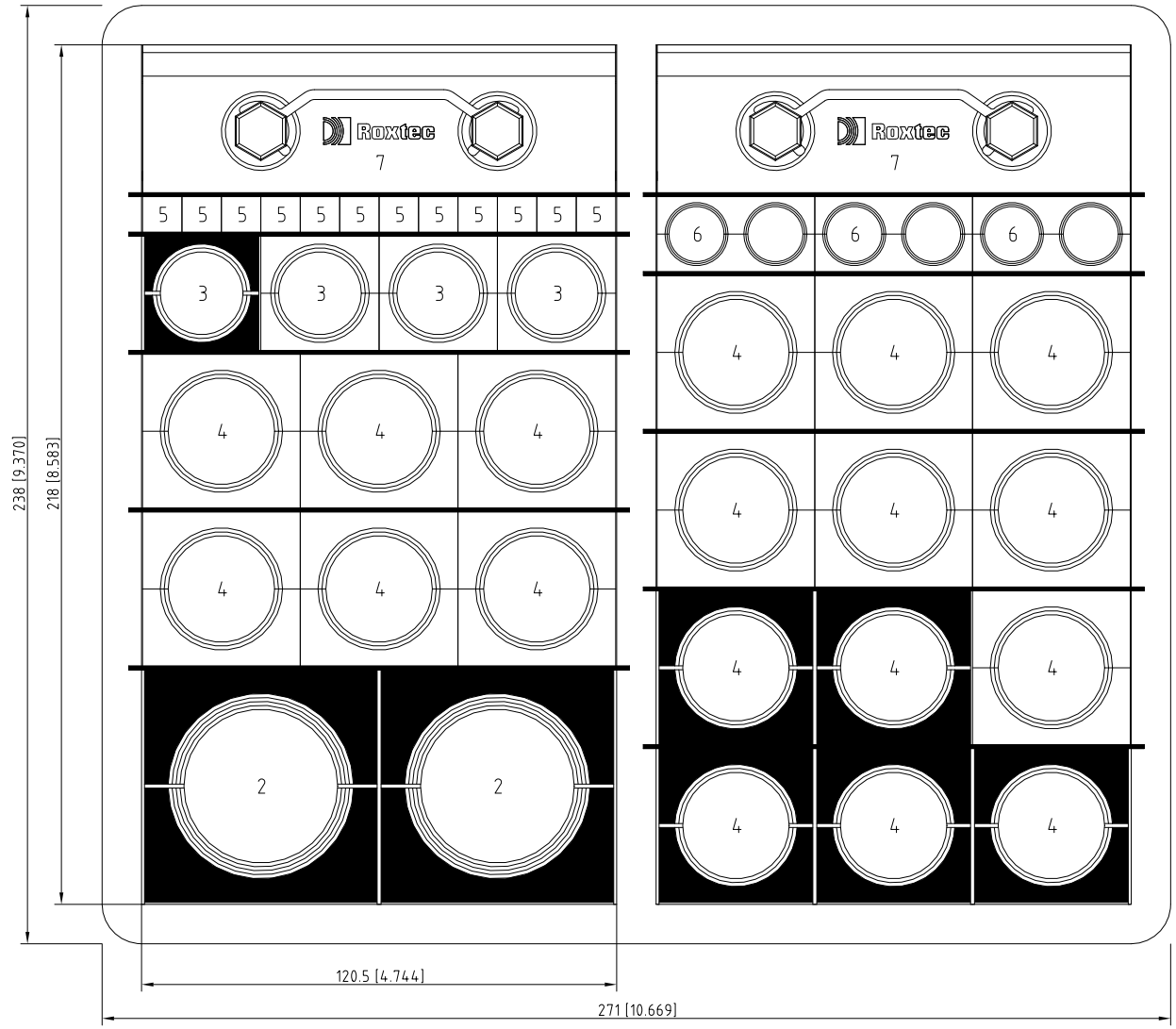
Cutout Detail

Frame: S 6x2 AISI316 Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 13.3 [29.40]
Roxtec	Format: NTS		Transit name: E-MCT-202	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
8	10	Stayplate 120 AISI 316	ASP0001200021	0.1 [0.22]
7	2	Wedge 120 AISI 316	ARW0001201021	0.8 [1.76]
6	3	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
5	1	RM 10/0x12	RM00310121000	0.1 [0.22]
4	18	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
3	4	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
2	2	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
1	1	S 6x2 AISI316	S006000000221	5.8 [12.79]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	13.3 [29.40]
	Format NTS		Transit name E-MCT-202	Sheet No 2/3
Roxtec	Client		Drawing number	Rev

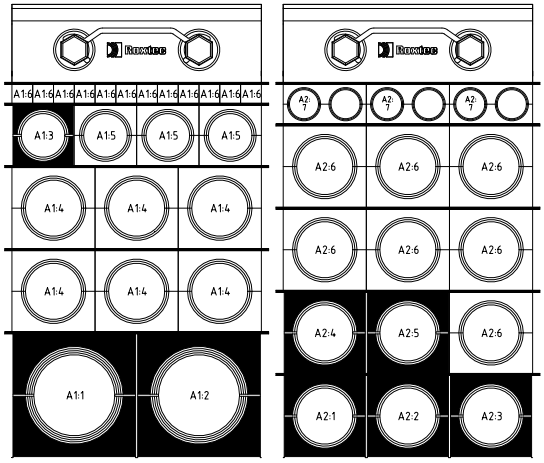
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A1 A2

A1 A2



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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[“])	Module Type
A2:7						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:6						RM 40 21.5-34.5 [0.846"-1.358"]
A2:5	83013-CEL-N	Electrolyser Auxiliary load	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:4	83013-CEL-L3	Electrolyser Auxiliary load	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:3	83013-CEL-L2	Electrolyser Auxiliary load	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:2	83013-CEL-L1	Electrolyser Auxiliary load	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:1	83012-CEL	Fuel Cell Auxiliary Load	5G16	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:6						RM 10/0x12
A1:5						RM 30 10-25 [0.394"-0.984"]
A1:4						RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	83013-CEL-E	Electrolyser Auxiliary load	1C X 150	PE	17.7 [0.697"]	RM 30 10-25 [0.394"-0.984"]
A1:2	83022-CEL	Welding Sockets (Lower Deck) JB's	5G50	Power	35 [1.378"]	RM 60 28-54 [1.102"-2.126"]
A1:1	83016-CEL	Water Package	5G70	Power	39.5 [1.555"]	RM 60 28-54 [1.102"-2.126"]

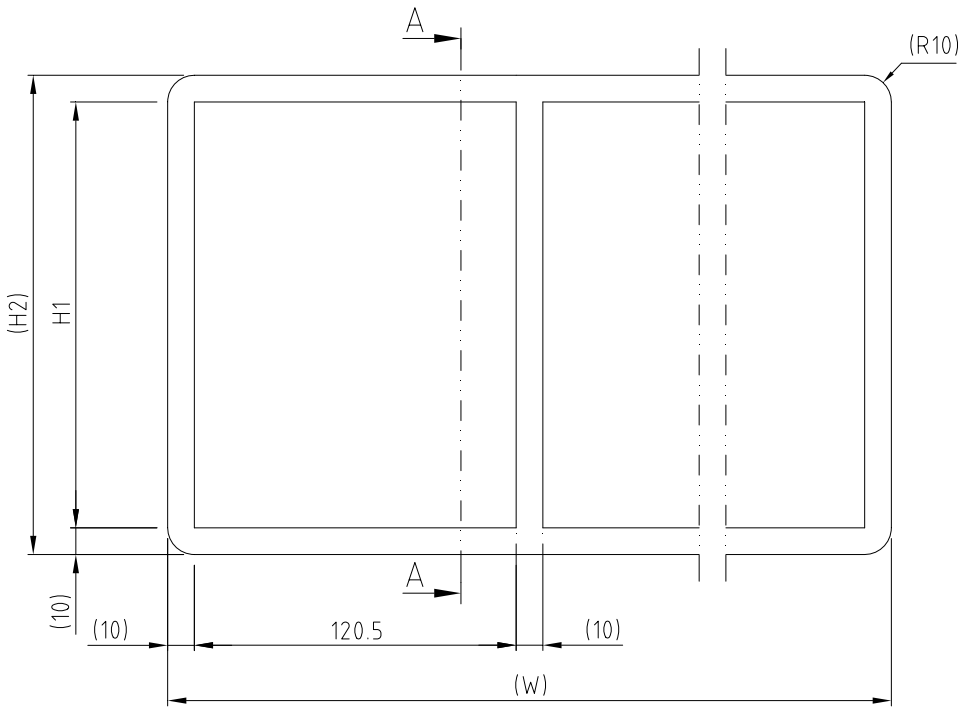
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

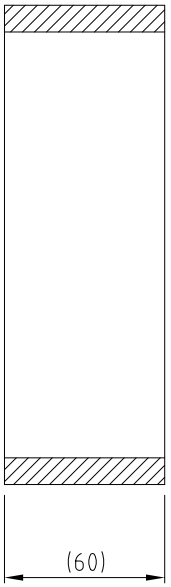
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 13.3 [29.40]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-202		
	Client		Drawing number		Rev

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

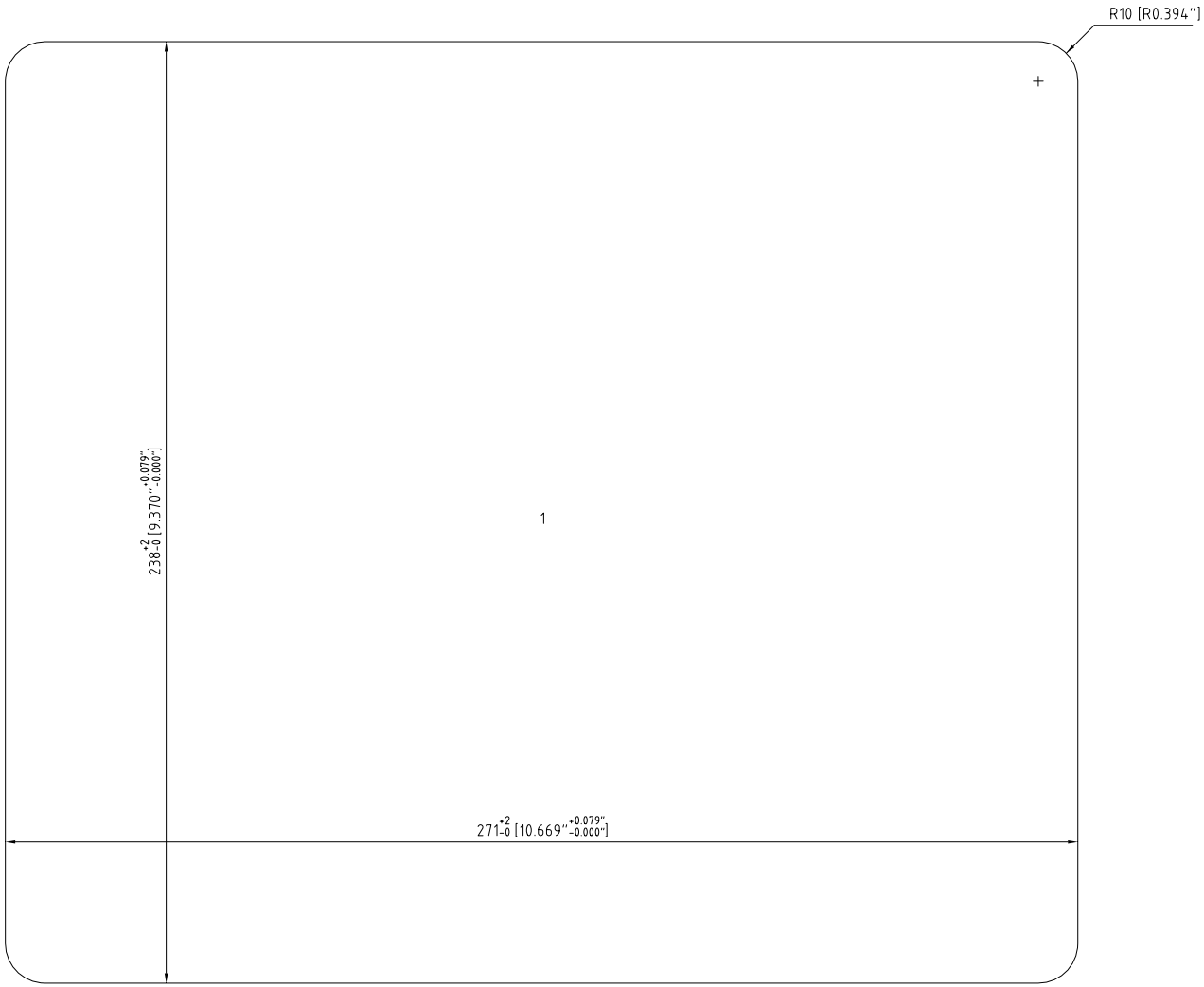
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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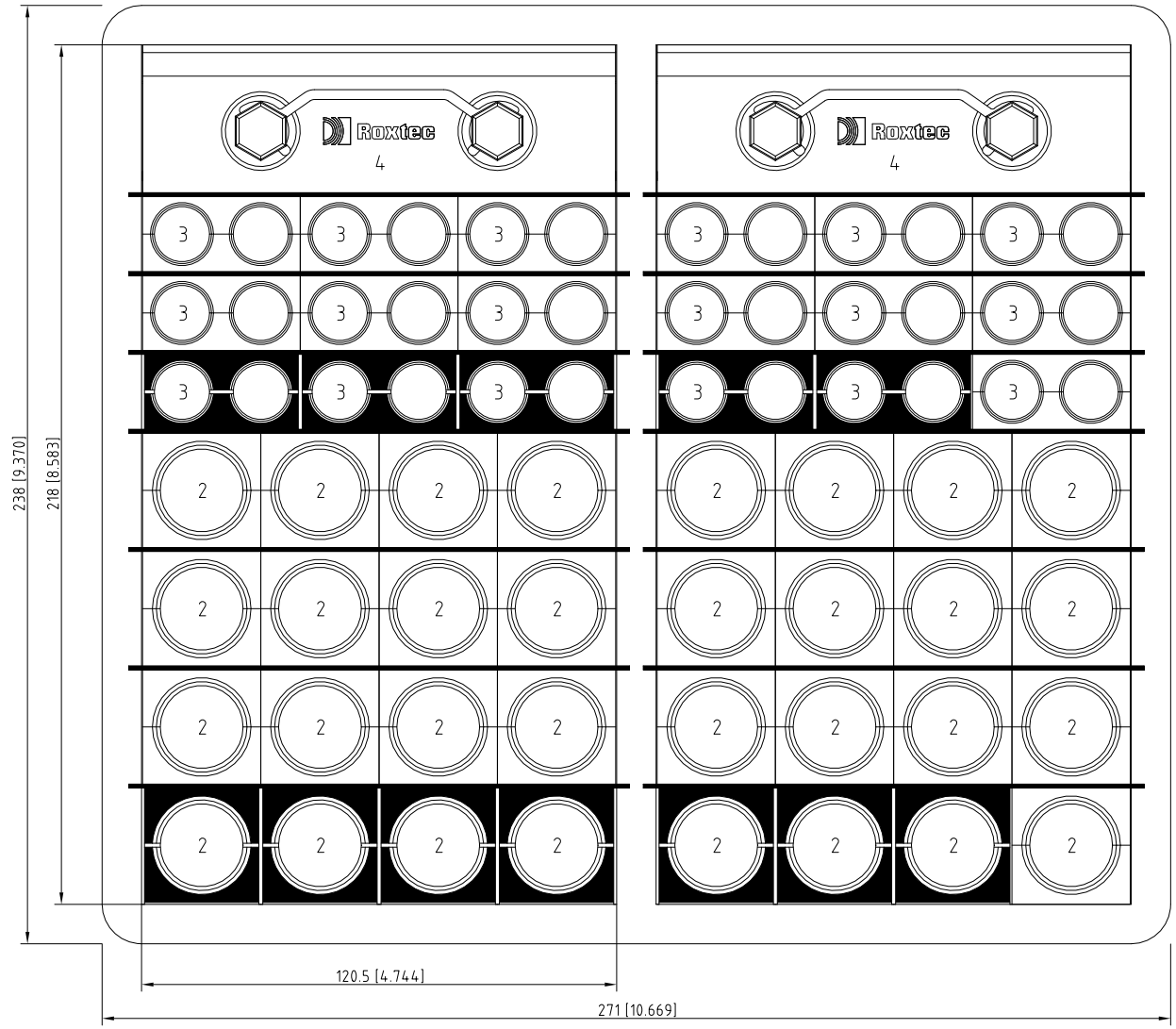
Cutout Detail

Frame: S 6x2 AISI316 Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 12.6 [27.82]
Roxtec	Format: NTS		Transit name: E-MCT-203	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	14	Stayplate 120 AISI 316	ASP0001200021	0.1 [0.22]
4	2	Wedge 120 AISI 316	ARW0001201021	0.8 [1.76]
3	18	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	32	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
1	1	S 6x2 AISI316	S006000000221	5.8 [12.79]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	12.6 [27.82]
	Format: NTS		Transit name: E-MCT-203	Sheet No: 2/3
	Client		Drawing number	Rev

Roxtec

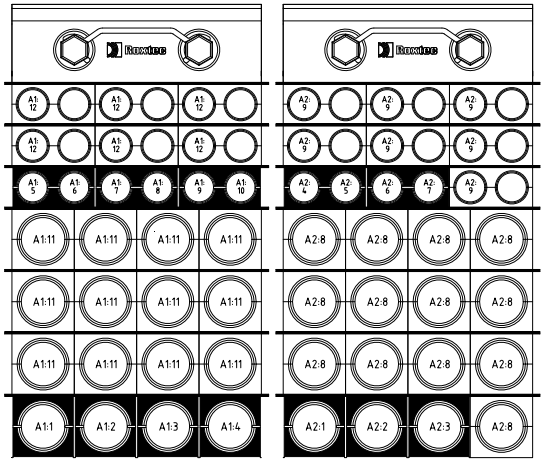
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A1 A2

A1 A2

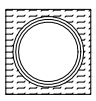


Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

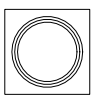
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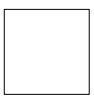
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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[*])	Module Type
A2:9						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:8						RM 30 10-25 [0.394"-0.984"]
A2:7	83116-CEL	Auxiliary Trafo 1,6MVA	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:6	83115-CEL	Auxiliary NER	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:5	83114-CEL	Auxiliary Trafo 7MVA	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:4	83113-CEL	Auxiliary Trafo AVR	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:3	P-ETB-200N1-16-L3-01	Trace Heating - Process Lines - Feeder 3	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A2:2	P-EJB-200N1-15-L2-01	Trace Heating - Process Lines - Feeder 2	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A2:1	P-EJB-200N1-14-L1-01	Trace Heating - Process Lines - Feeder 1	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A1:12						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:11						RM 30 10-25 [0.394"-0.984"]
A1:10	83006-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:9	83005-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:8	83004-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7	83003-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:6	83002-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:5	83001-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:4	P-EJB-200N1-10-L3-01	Emergency Lighting stairs	4G4_E	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:3	P-EJB-200N1-08-L1-04	Emergency Lighting Upper Deck - Circuit No. 1	4G4_E	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:2	P-EJB-200N1-02-L1-01	Normal Lighting Upper Deck - Circuit No. 1	3G4	Power	14.3 [0.563"]	RM 30 10-25 [0.394"-0.984"]
A1:1	83112-CEL	Auxiliary Trafo OLTC	5G4	Power	17 [0.669"]	RM 30 10-25 [0.394"-0.984"]


MODULE WITH PIPE


MODULE WITH CABLE


SPARE MODULE

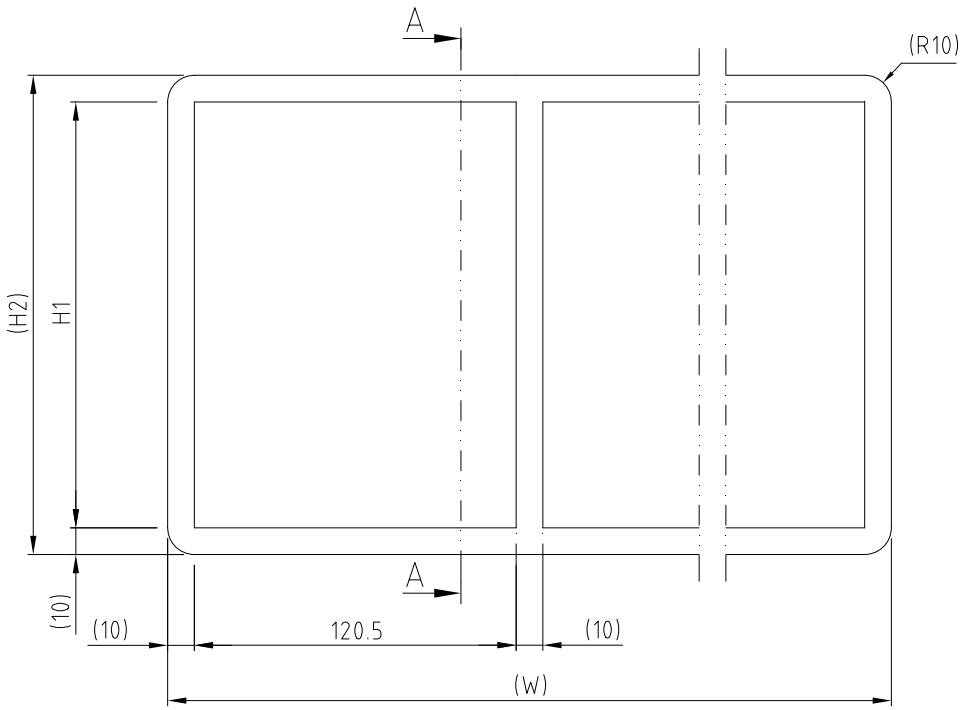

SOLID MODULE

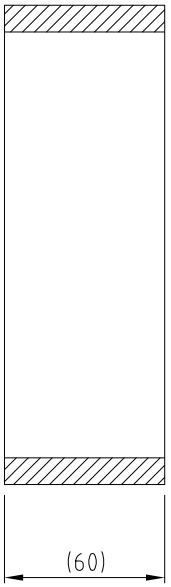
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 12.6 [27.82]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-203		
	Client		Drawing number		Rev

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

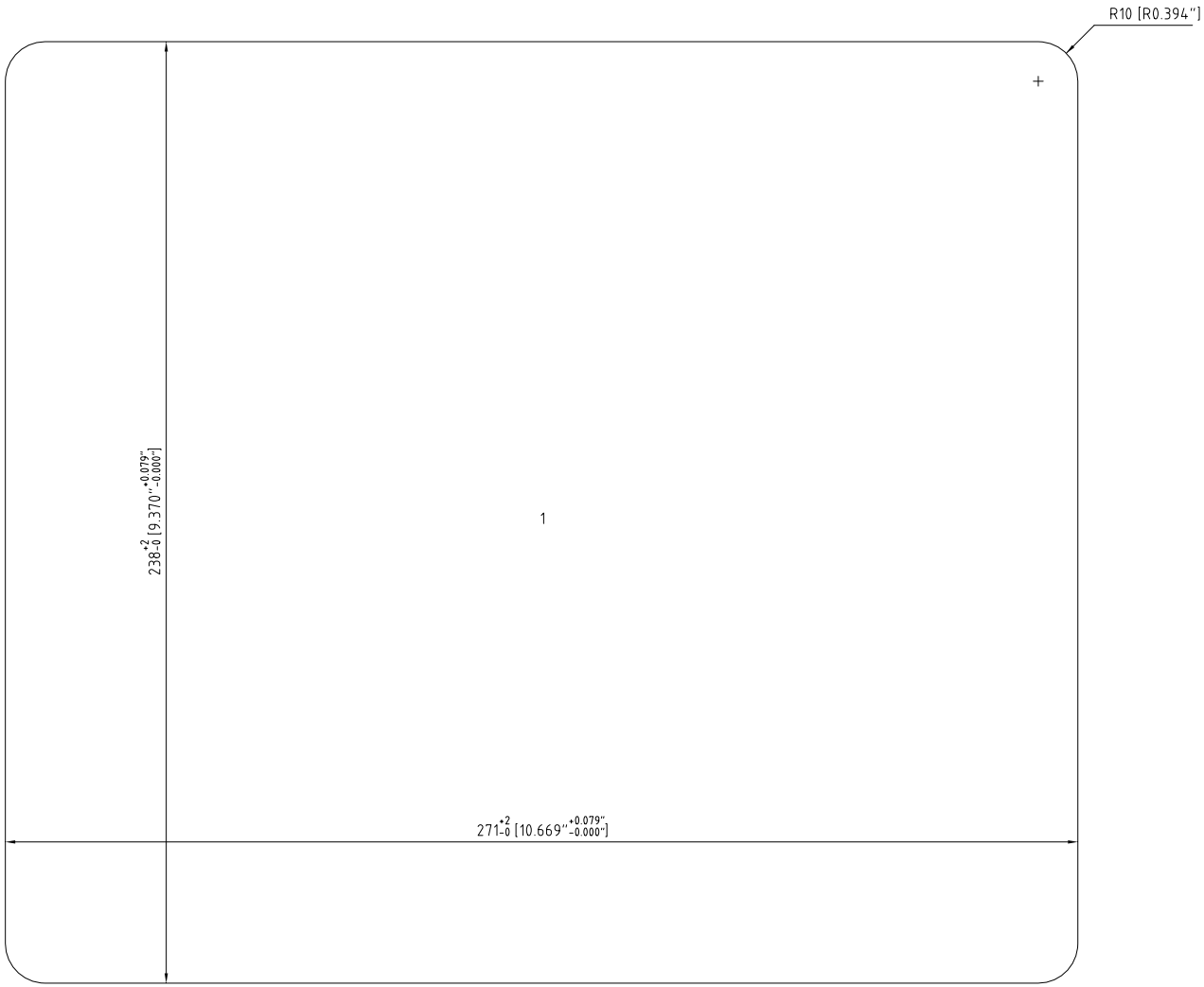
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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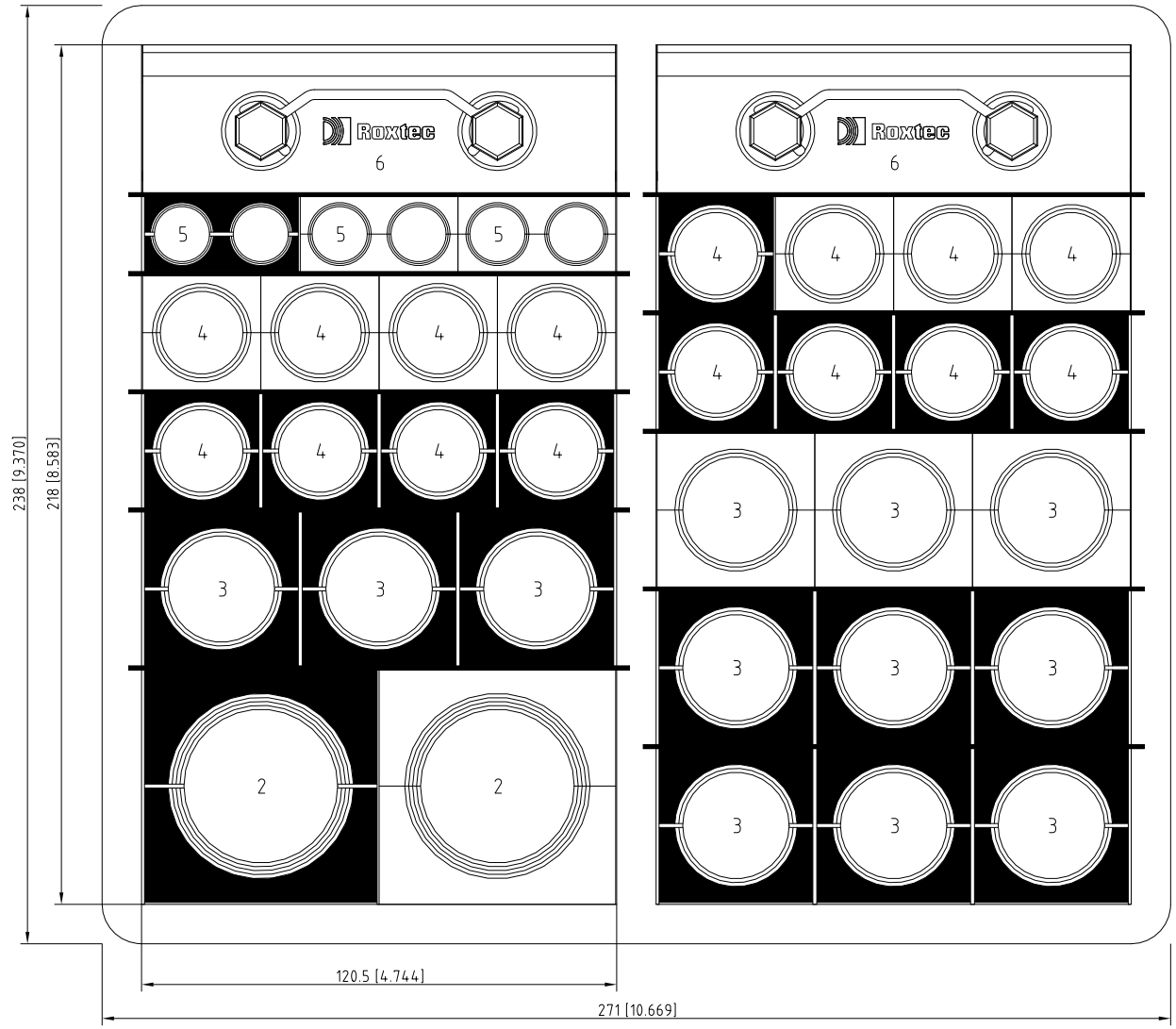
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	12.1 [26.74]
Roxtec	Format NTS		Transit name E-MCT-204	Sheet No 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
7	10	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
6	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
5	3	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
4	16	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
3	12	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
2	2	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	12.1 [26.74]
	Format NTS		Transit name E-MCT-204	Sheet No 2/3
	Client		Drawing number	Rev

Roxtec

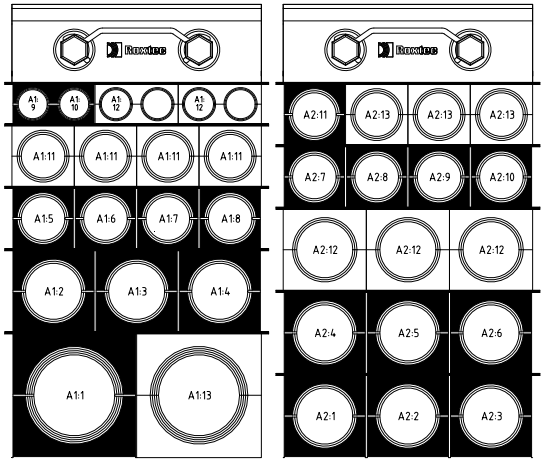
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A1 A2

A1 A2



A2:13						RM 30 10-25 [0.394"-0.984"]
A2:12						RM 40 21.5-34.5 [0.846"-1.358"]
A2:11	P-EJB-200N1-03-L2-01	Normal Lighting Lower Deck - Circuit No. 1	3G4	Power	14.3 [0.563"]	RM 30 10-25 [0.394"-0.984"]
A2:10	83010-CEL-N	Temporary Generator / Mobile Battery Pack	1C X 95	Power	17.3 [0.681"]	RM 30 10-25 [0.394"-0.984"]
A2:9	83010-CEL-L3	Temporary Generator / Mobile Battery Pack	1C X 95	Power	17.3 [0.681"]	RM 30 10-25 [0.394"-0.984"]
A2:8	83010-CEL-L2	Temporary Generator / Mobile Battery Pack	1C X 95	Power	17.3 [0.681"]	RM 30 10-25 [0.394"-0.984"]
A2:7	83010-CEL-L1	Temporary Generator / Mobile Battery Pack	1C X 95	Power	17.3 [0.681"]	RM 30 10-25 [0.394"-0.984"]
A2:6	83030-CEL	AC UPS PAS - 30min - Bypass	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:5	83029-CEL	AC UPS PAS - 30min - Line B	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:4	83028-CEL	AC UPS PAS - 30min - Line A	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:3	83026-CEL	HVAC panels - ITER	5G16	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:2	83025-CEL	HVAC panels - UPS Room	5G16	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:1	83020-CEL	Crane	5G16	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:13						RM 60 28-54 [1.102"-2.126"]
A1:12						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:11						RM 30 10-25 [0.394"-0.984"]
A1:10	83123-CEL	AC UPS F&G AUXILIARY	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:9	83122-CEL	AC UPS PAS AUXILIARY	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:8	84319-CEL	LV SWBD 800/460V Auxiliary	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:7	84318-CEL	LV Switchboard Auxiliary	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:6	84315-CEL	UCP - HVAC LV Room	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:5	83010-CEL-PE	Temporary Generator / Mobile Battery Pack	1C X 95	Power	14.5 [0.571"]	RM 30 10-25 [0.394"-0.984"]
A1:4	83033-CEL	AC UPS F&G - 8h - Bypass	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	83032-CEL	AC UPS F&G - 8h - Line B	4G35	Power	24.4 [0.961"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	83031-CEL	AC UPS F&G - 8h - Line A	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	83021-CEL	Welding Sockets (Top Deck) JB's	5G50	Power	35 [1.378"]	RM 60 28-54 [1.102"-2.126"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 12.1 [26.74]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-204		
	Client		Drawing number		Rev

Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

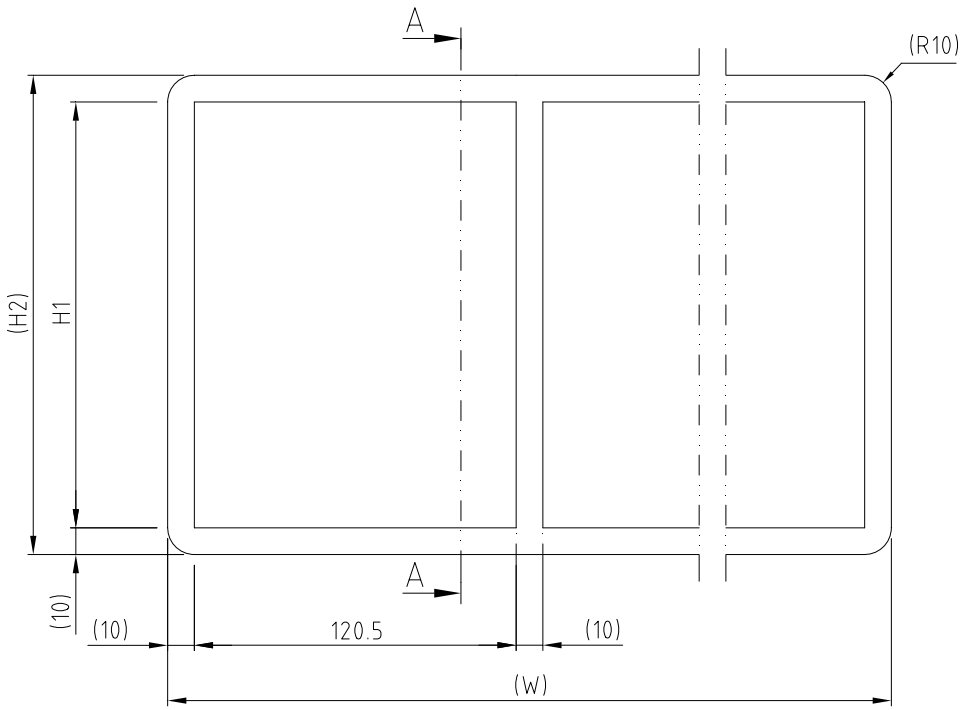
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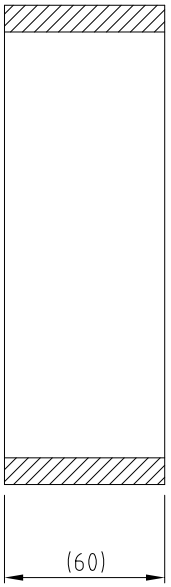
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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

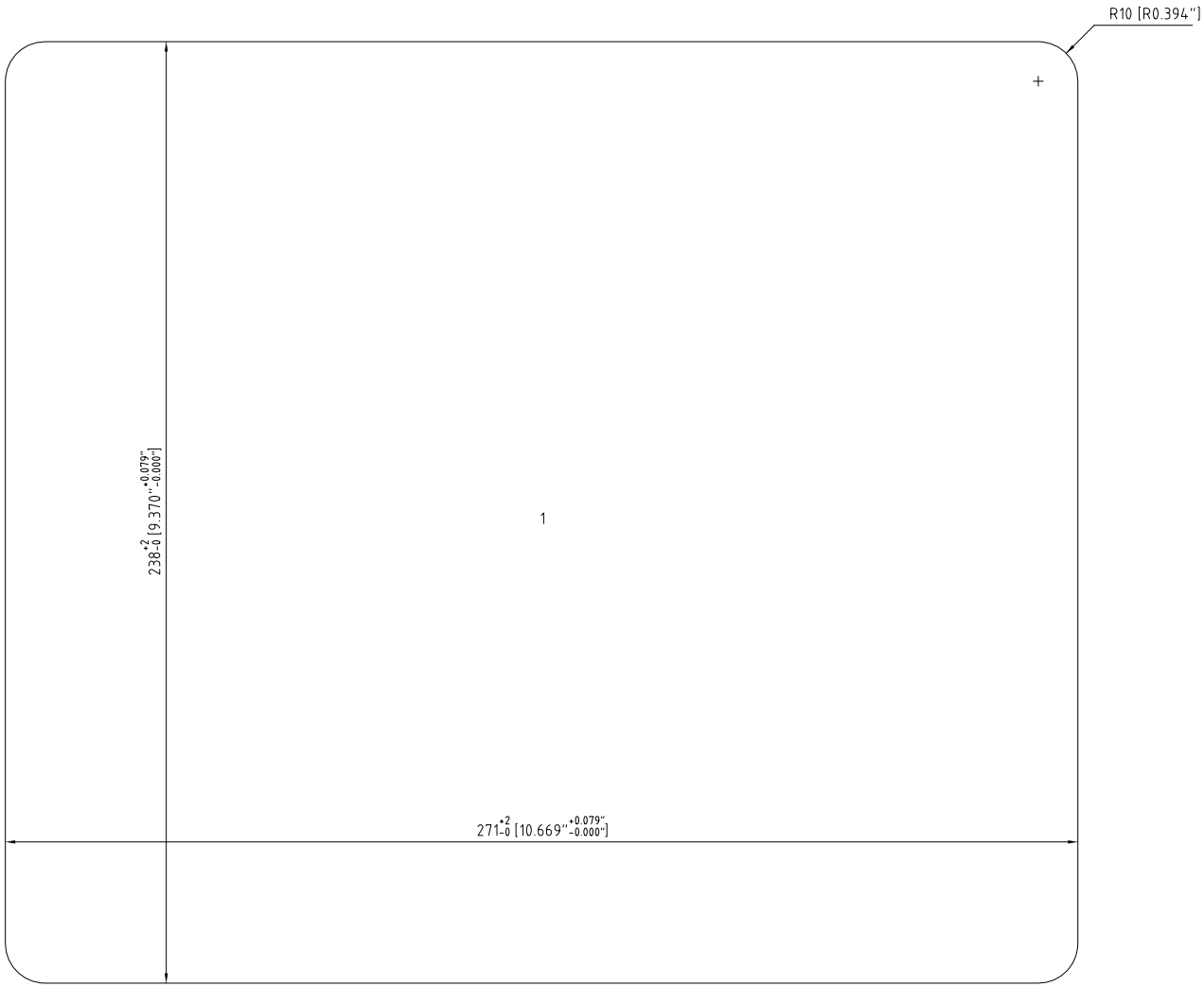
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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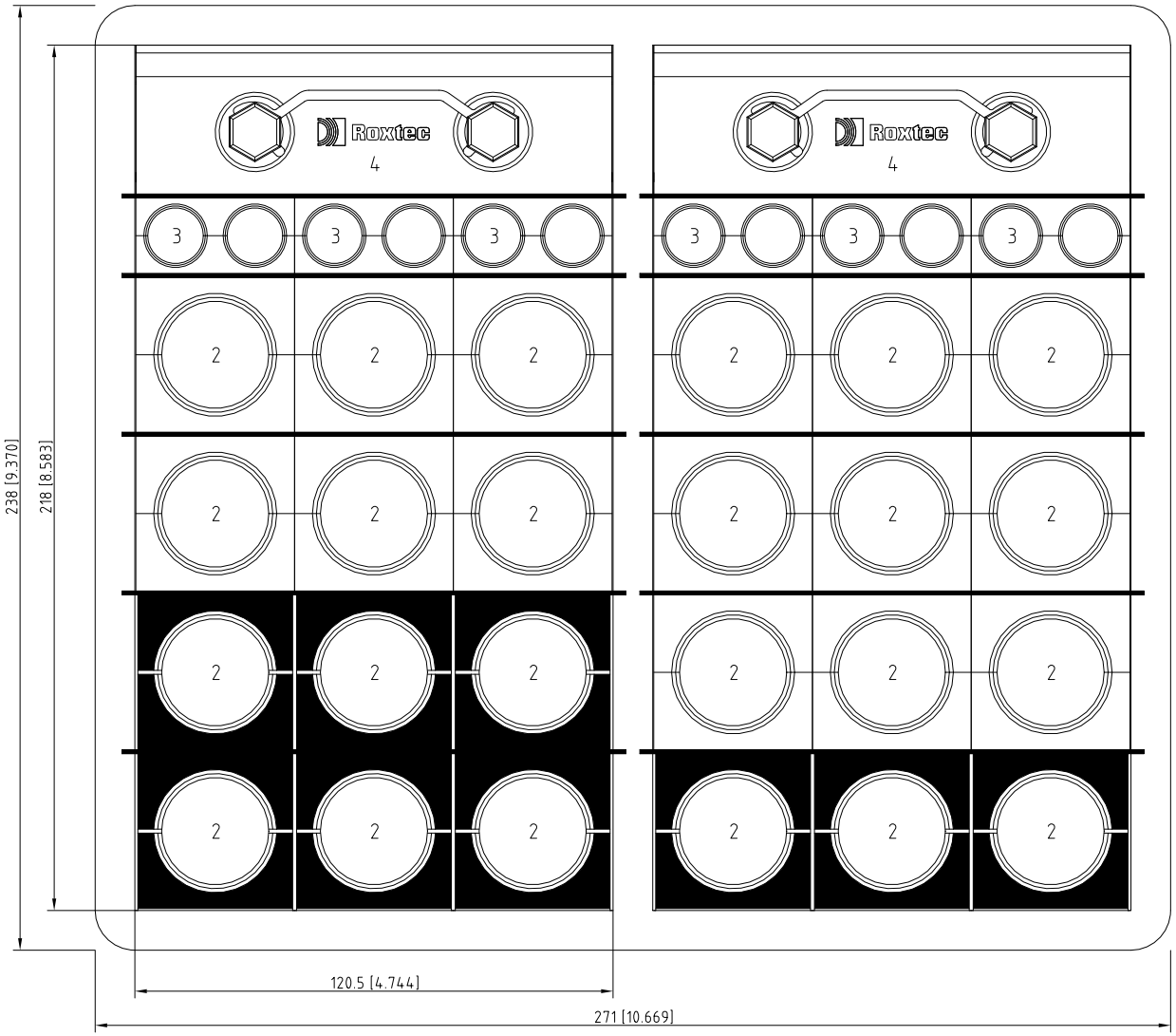
Cutout Detail

Frame: S 6x2 AISI316 Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-10	BLPH - ROS Location/ Sublocation	12.2 [26.85]
Roxtec	Format NTS		Transit name E-MCT-205	Sheet No 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	10	Stayplate 120 AISI 316	ASP0001200021	0.1 [0.22]
4	2	Wedge 120 AISI 316	ARW0001201021	0.8 [1.76]
3	6	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	24	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x2 AISI316	S006000000221	5.8 [12.79]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-10	BLPH - ROS Location/ Sublocation	12.2 [26.85]
Roxtec	Format NTS		Transit name E-MCT-205	Sheet No 2/3
	Client		Drawing number	Rev

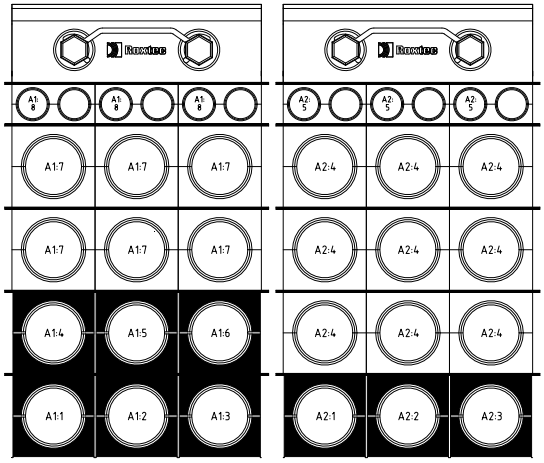
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A1 A2

A1 A2



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A2:5						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:4						RM 40 21.5-34.5 [0.846"-1.358"]
A2:3	83001-CEL-2-L3	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:2	83001-CEL-2-L2	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:1	83001-CEL-2-L1	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:8						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7						RM 40 21.5-34.5 [0.846"-1.358"]
A1:6	83001-CEL-3-L3	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:5	83001-CEL-3-L2	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:4	83001-CEL-3-L1	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	83001-CEL-1-L3	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	83001-CEL-1-L2	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	83001-CEL-1-L1	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/['])	Module Type

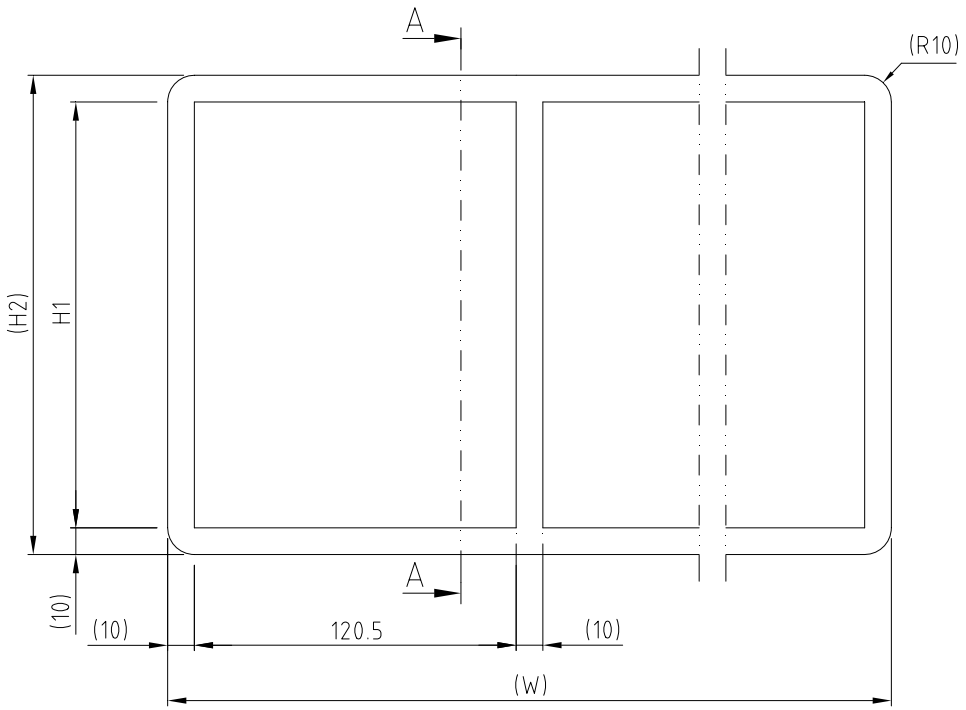
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

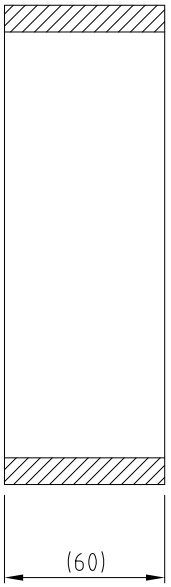
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS		TotWeight: 12.2 [26.85]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-205		
	Client		Drawing number		Rev

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

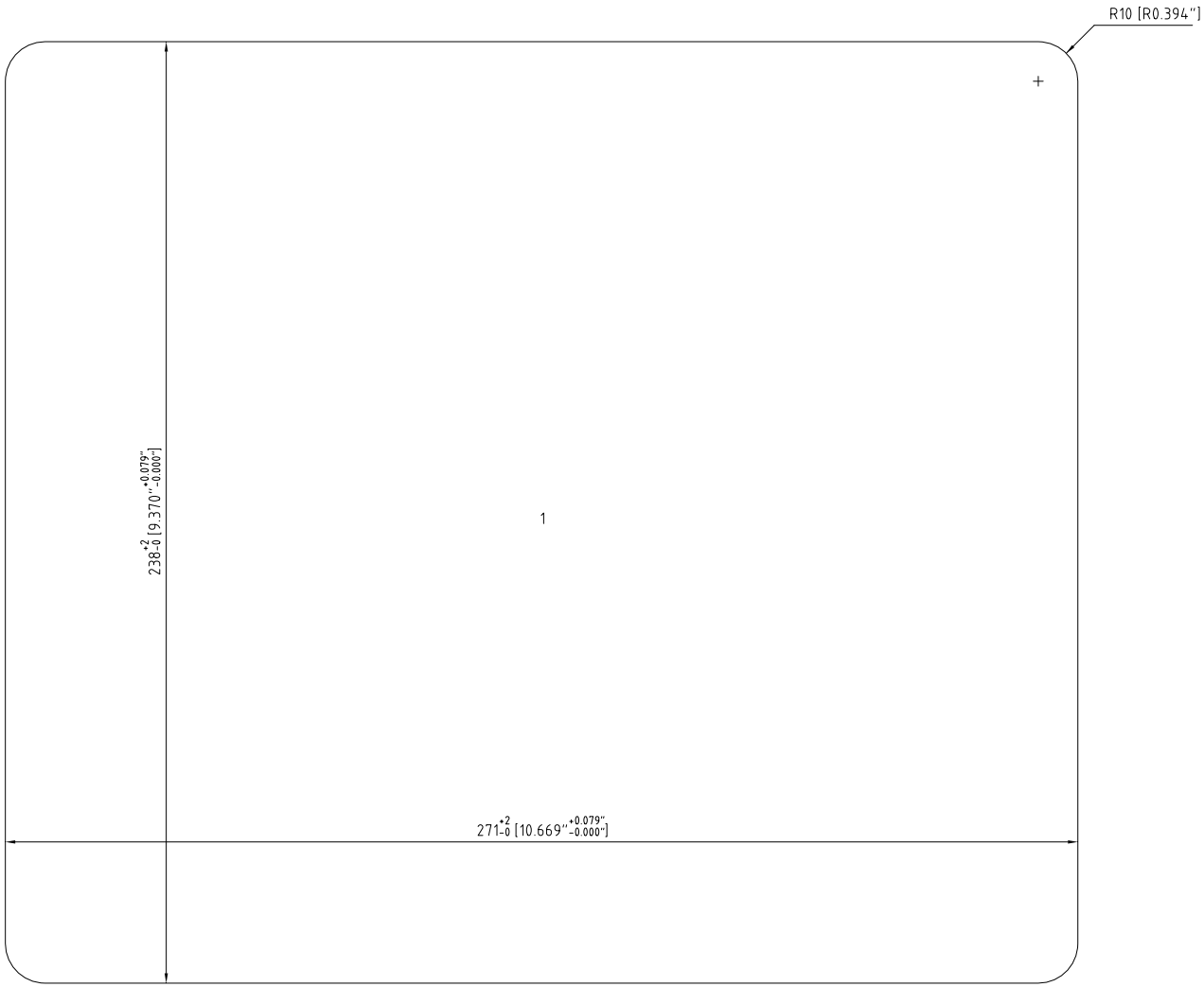
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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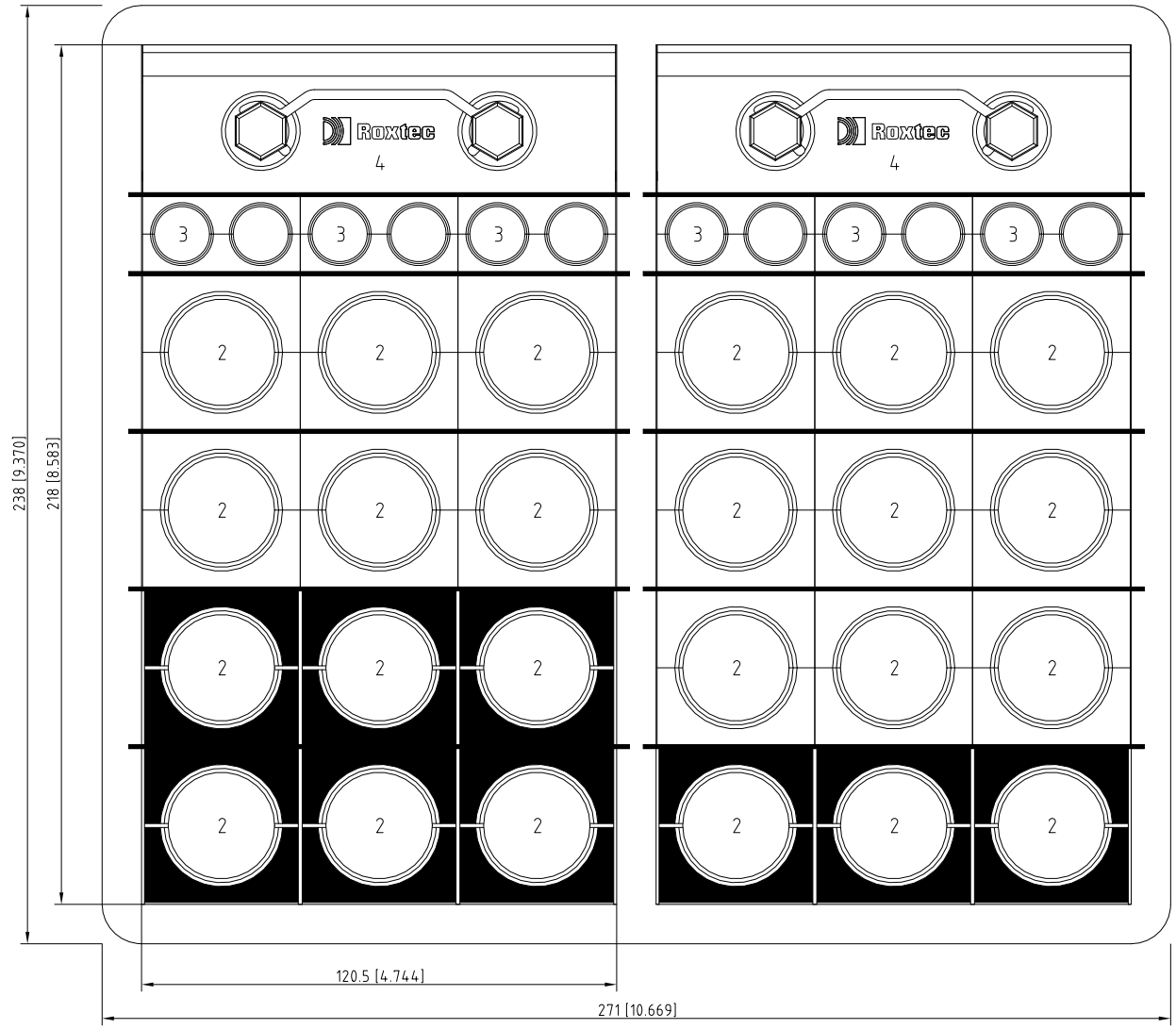
Cutout Detail

Frame: S 6x2 AISI316 Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-10	BLPH - ROS Location/ Sublocation	12.2 [26.85]
Roxtec	Format NTS		Transit name E-MCT-206	Sheet No 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	10	Stayplate 120 AISI 316	ASP0001200021	0.1 [0.22]
4	2	Wedge 120 AISI 316	ARW0001201021	0.8 [1.76]
3	6	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	24	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x2 AISI316	S006000000221	5.8 [12.79]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-10	BLPH - ROS Location/ Sublocation	12.2 [26.85]
	Format NTS		Transit name E-MCT-206	Sheet No 2/3
	Client		Drawing number	Rev

Roxtec

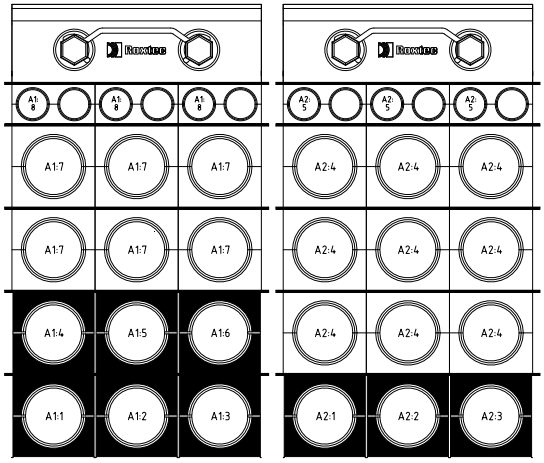
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A1 A2

A1 A2



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A2:5						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:4						RM 40 21.5-34.5 [0.846"-1.358"]
A2:3	83001-CEL-4-L3	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:2	83001-CEL-4-L2	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:1	83001-CEL-4-L1	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:8						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7						RM 40 21.5-34.5 [0.846"-1.358"]
A1:6	83001-CEL-5-L3	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:5	83001-CEL-5-L2	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:4	83001-CEL-5-L1	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	83001-CEL-3-N	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	83001-CEL-2-N	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	83001-CEL-1-N	LV Switchgear	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

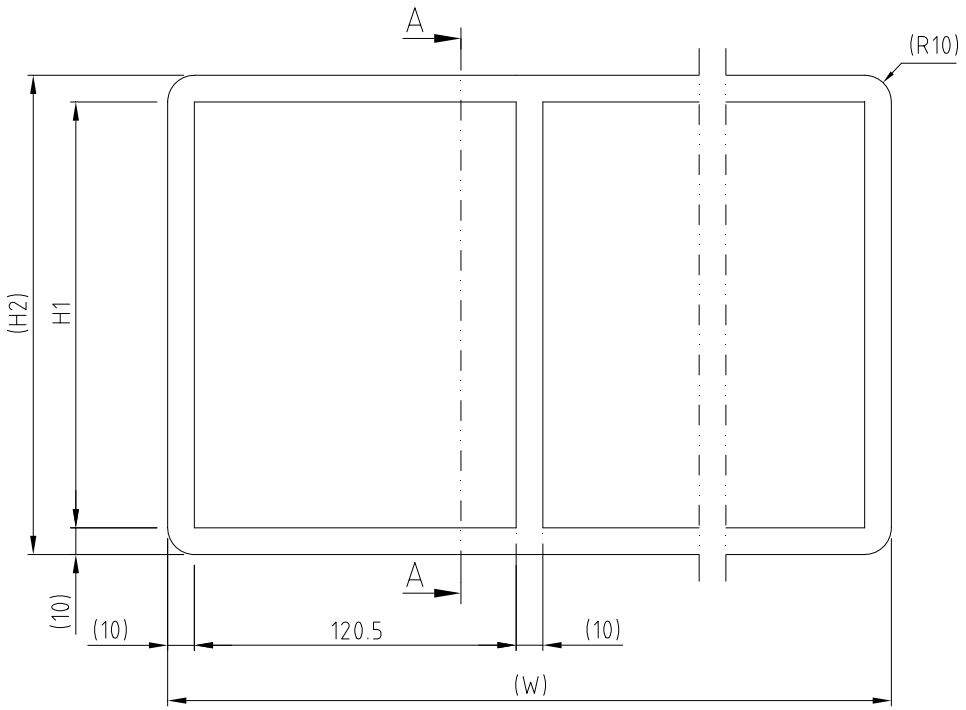
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

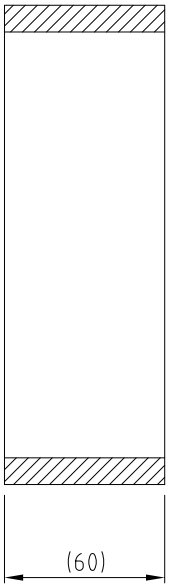
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS		TotWeight: 12.2 [26.85]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-206		
	Client		Drawing number		Rev

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

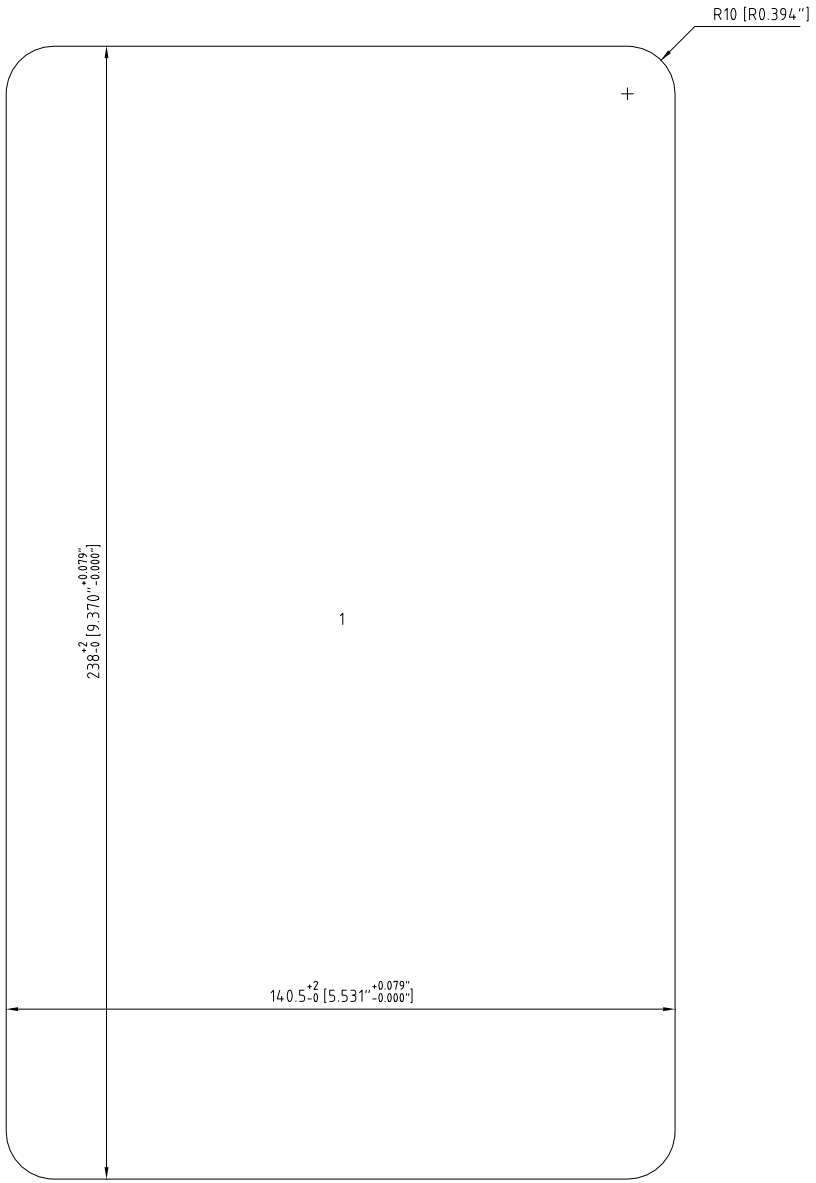
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

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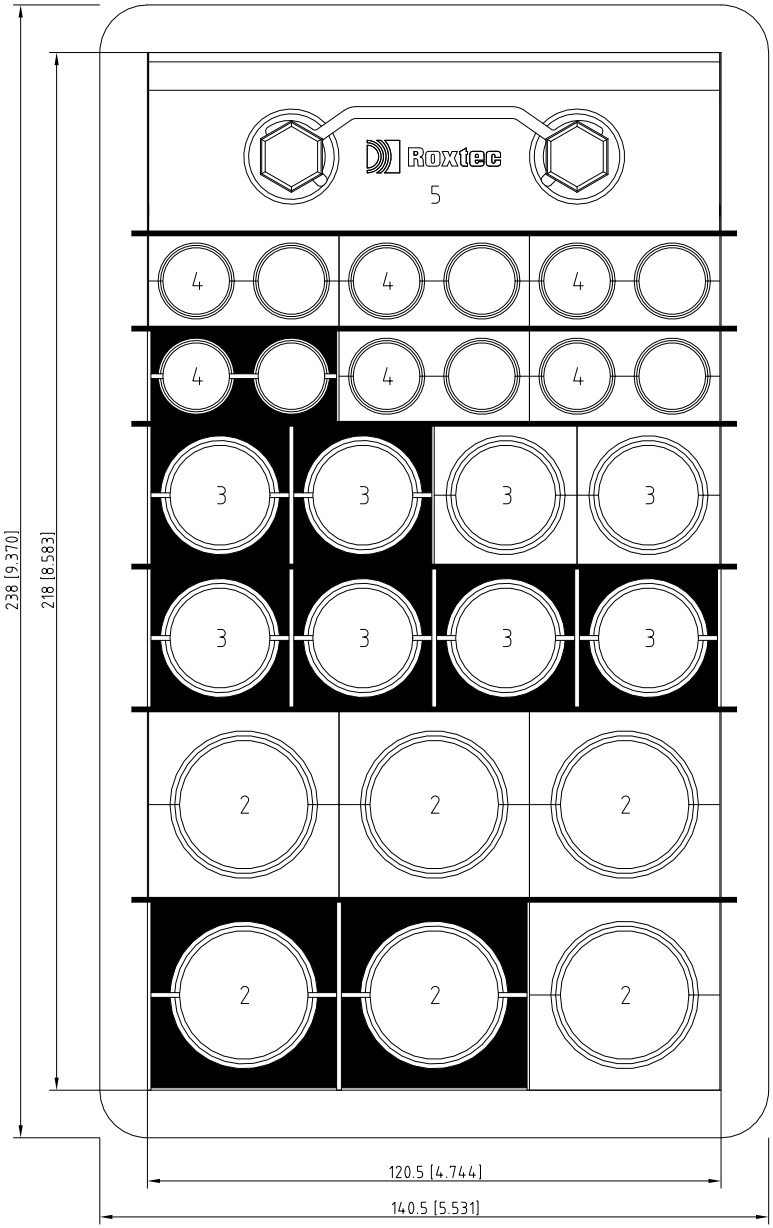
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-11	Project: BLPH - ROS Location/ Sublocation		TotWeight: 6.8 [14.90]
Roxtec	Format: NTS		Transit name: E-MCT-301		Sheet No: 1/3
	Client		Drawing number		Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	6	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	6	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
3	8	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
2	6	RM 40/10-32 9.5-32.5 [0.374"-1.280"]	RM00140101000	0.1 [0.31]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-11	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.8 [14.90]
Roxtec	Format: NTS		Transit name: E-MCT-301	Sheet No: 2/3
	Client		Drawing number	Rev

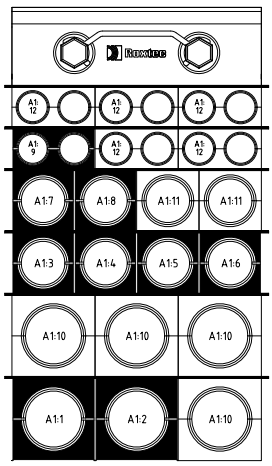
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A1

A1



Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type
A1:12						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:11						RM 30 10-25 [0.394"-0.984"]
A1:10						RM 40/10-32 9.5-32.5 [0.374"-1.280"]
A1:9	72217-CEC	NAV AIDS Visibility meter	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:8	84317-CEL	UCP - HVAC ITER	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:7	84312-CEL	UCP - N2 Package	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:6	84311-CEL	UCP - Instrument Air Package A-63000	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:5	72210-CEC	PCS	2C X 2.5	Control	14.8 [0.583"]	RM 30 10-25 [0.394"-0.984"]
A1:4	72207-CEC	NAV AIDS Photocell	2C X 2.5	Control	14.8 [0.583"]	RM 30 10-25 [0.394"-0.984"]
A1:3	72201-CEL	NAV AIDS Main Yellow Lanterns	2C X 2.5	Power	14.8 [0.583"]	RM 30 10-25 [0.394"-0.984"]
A1:2	83037-CEL	DC UPS - NAVAID System - Feeder B	3G16	Power	23.6 [0.929"]	RM 40/10-32 9.5-32.5 [0.374"-1.280"]
A1:1	83036-CEL	DC UPS NAVAID System - Feeder A	3G16	Power	23.6 [0.929"]	RM 40/10-32 9.5-32.5 [0.374"-1.280"]

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

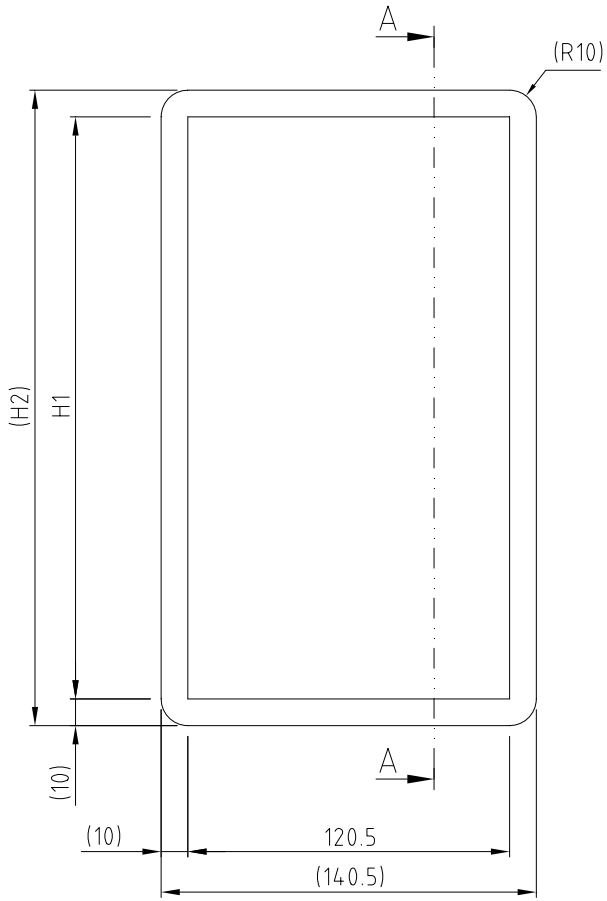
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-11	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.8 [14.90]
Roxtec	Format: NTS		Transit name: E-MCT-301	Sheet No: 3/3
	Client	Drawing number		Rev

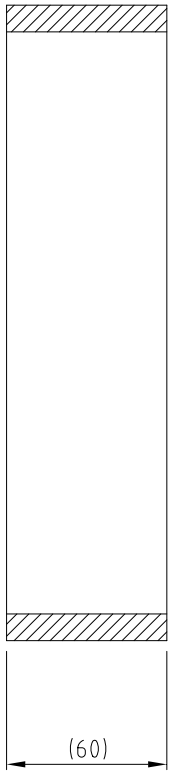
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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Roxtec

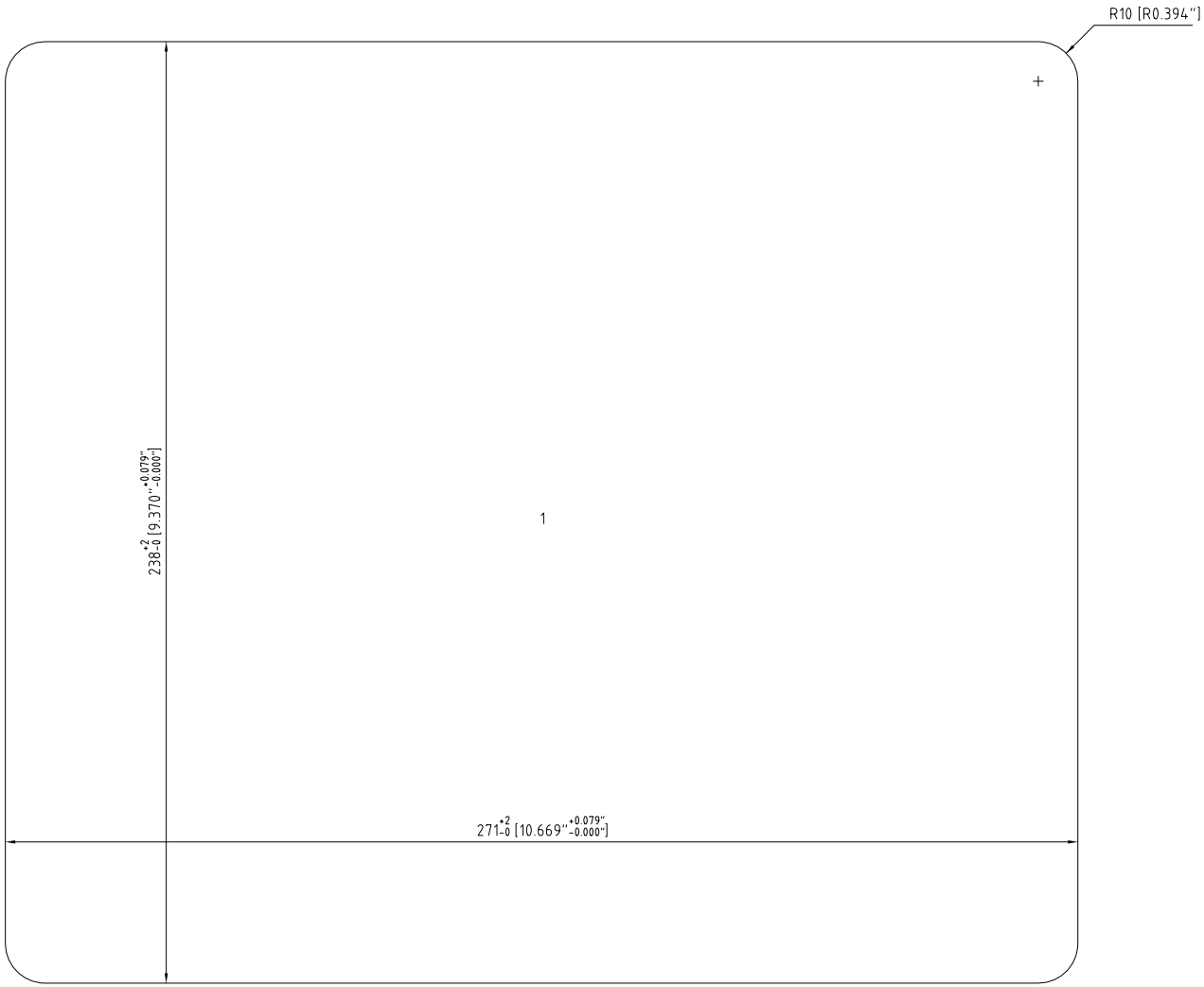
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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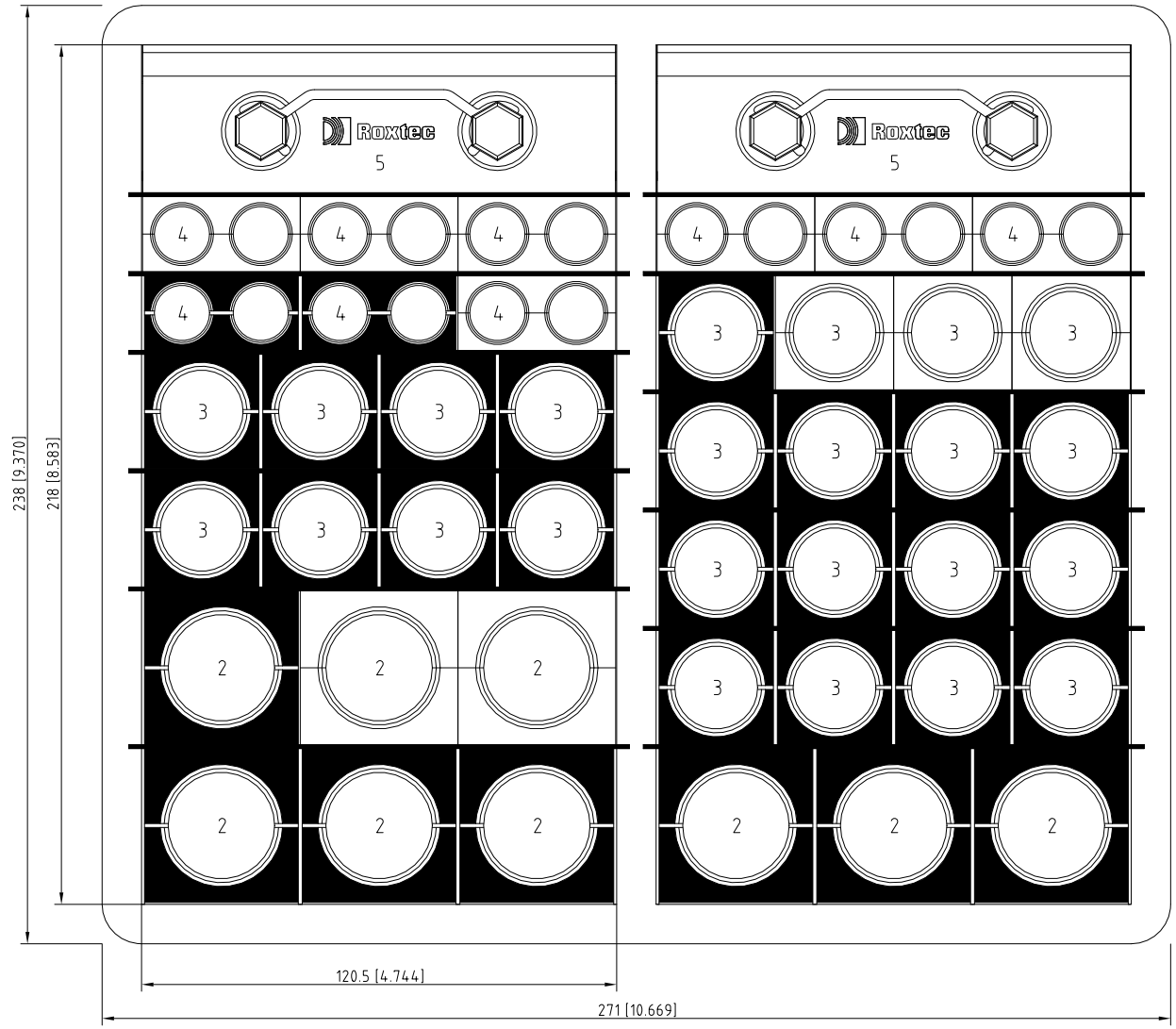
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 12.3 [27.18]
Roxtec	Format: NTS		Transit name: E-MCT-302	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	12	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	9	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
3	24	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
2	9	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 12.3 [27.18]
Roxtec	Format: NTS		Transit name: E-MCT-302	Sheet No: 2/3
	Client		Drawing number	Rev

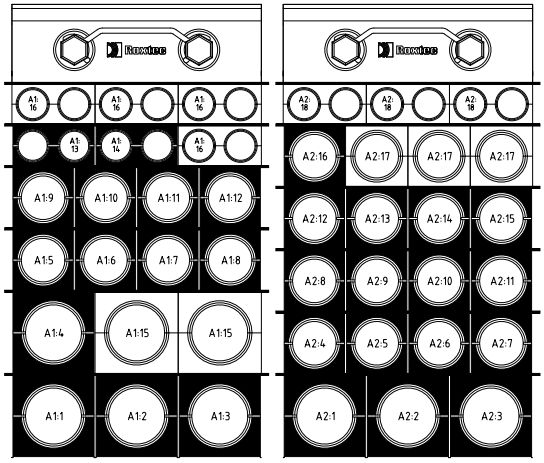
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A1 A2

A1 A2



A2:18						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:17						RM 30 10-25 [0.394"-0.984"]
A2:16	84404-CEL	System Server / Network Cabinet - Line B	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:15	84318-CEL	LV Switchboard Auxiliary	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:14	84315-CEL	UCP - HVAC LV Room	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:13	84314-CEL	UCP - HVAC HV Room	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:12	84313-CEL	UCP - Water Package	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:11	84304-CEL	PCS -Controller and I/O Cabinet - Line B	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:10	84303-CEL	PCS -Controller and I/O Cabinet - Line A	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:9	84302-CEL	SIS -Controller and I/O Cabinet - Line B	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:8	84301-CEL	SIS -Controller and I/O Cabinet - Line A	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:7	72211-CEL	Intermediate obstruction lights junction box	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:6	72210-CEL	Wave Off Status Light	2C X 2.5	Power	14.8 [0.583"]	RM 30 10-25 [0.394"-0.984"]
A2:5	72203-CEL	Obstruction Red LED Lights (MEDIUM INTENSITY)	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:4	72202-CEL	NAV AIDS Main Yellow Lanterns	2C X 2.5	Power	14.8 [0.583"]	RM 30 10-25 [0.394"-0.984"]
A2:3	83032-CEL	AC UPS F&G - 8h - Line B	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:2	83031-CEL	AC UPS F&G - 8h - Line A	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:1	83030-CEL	AC UPS PAS - 30min - Bypass	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:16						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:15						RM 40 21.5-34.5 [0.846"-1.358"]
A1:14	83123-CEL	AC UPS F&G AUXILIARY	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:13	83122-CEL	AC UPS PAS AUXILIARY	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:12	84403-CEL	System Server / Network Cabinet - Line A	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:11	84402-CEL	FGS Fire & Gas Panel - Line B	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:10	84401-CEL	FGS Fire & Gas Panel - Line A	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:9	84319-CEL	LV SWBD 800/460V Auxiliary	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:8	84308-CEL	Server Cabinet ITER - Line B	3G6	Power	18.3 [0.720"]	RM 30 10-25 [0.394"-0.984"]
A1:7	84307-CEL	Server Cabinet ITER - Line A	3G6	Power	18.3 [0.720"]	RM 30 10-25 [0.394"-0.984"]
A1:6	84306-CEL	EMCS -Controller and I/O Cabinet - Line B	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:5	84305-CEL	EMCS -Controller and I/O Cabinet - Line A	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:4	83033-CEL	AC UPS F&G - 8h - Bypass	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	83029-CEL	AC UPS PAS - 30min - Line B	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	83028-CEL	AC UPS PAS - 30min - Line A	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	83025-CEL	HVAC panels - UPS Room	5G16	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 12.3 [27.18]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-302		
	Client		Drawing number		Rev

Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

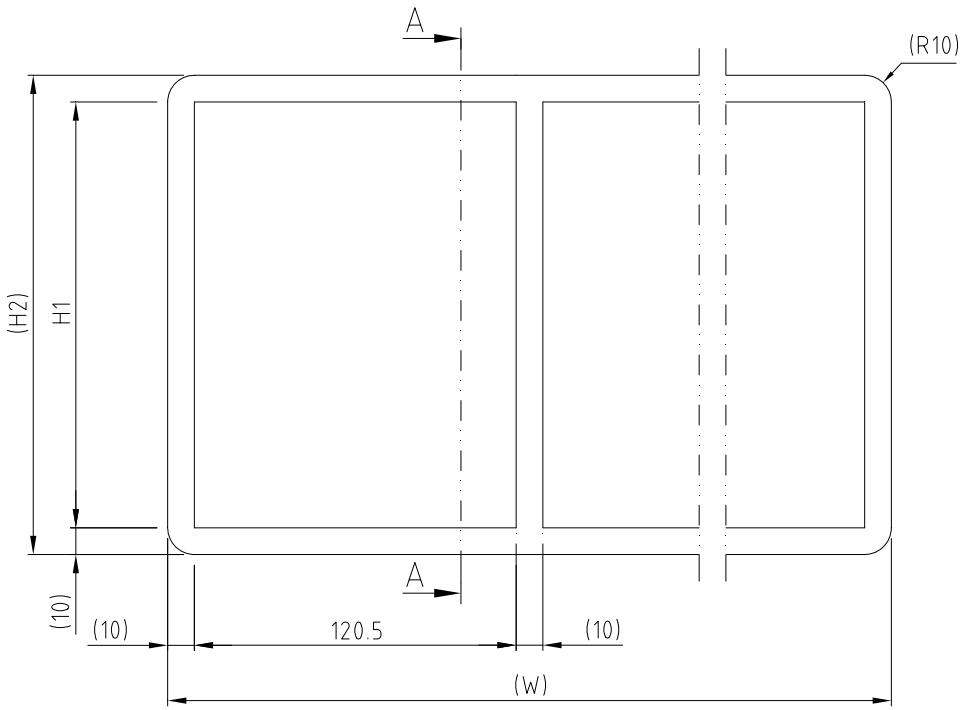
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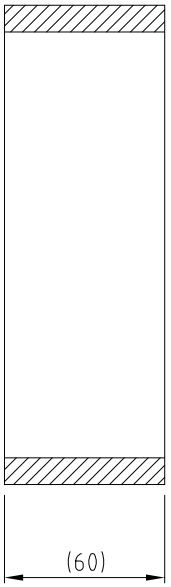
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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

ROXTEC INTERNATIONAL AB
BOX 540 S-371 23 Karlskrona
TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

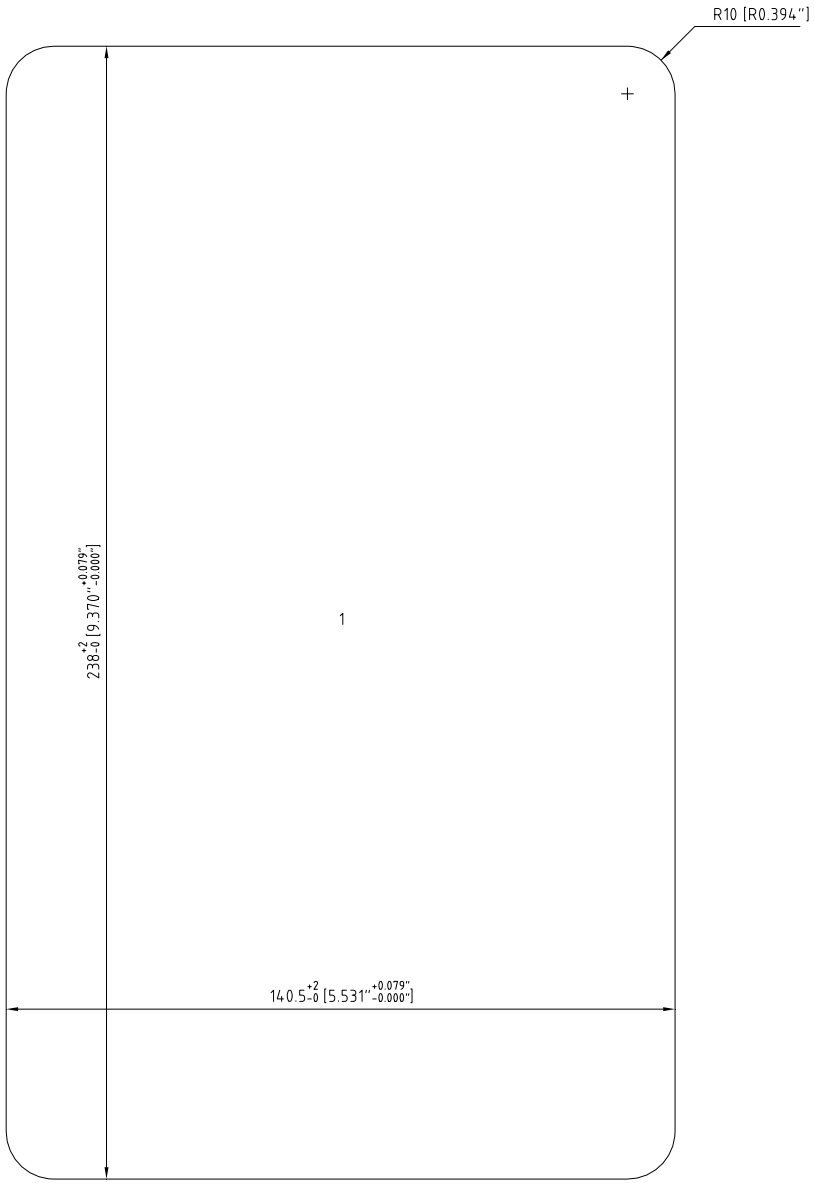
Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

RTD Version No: 4.37.4.0

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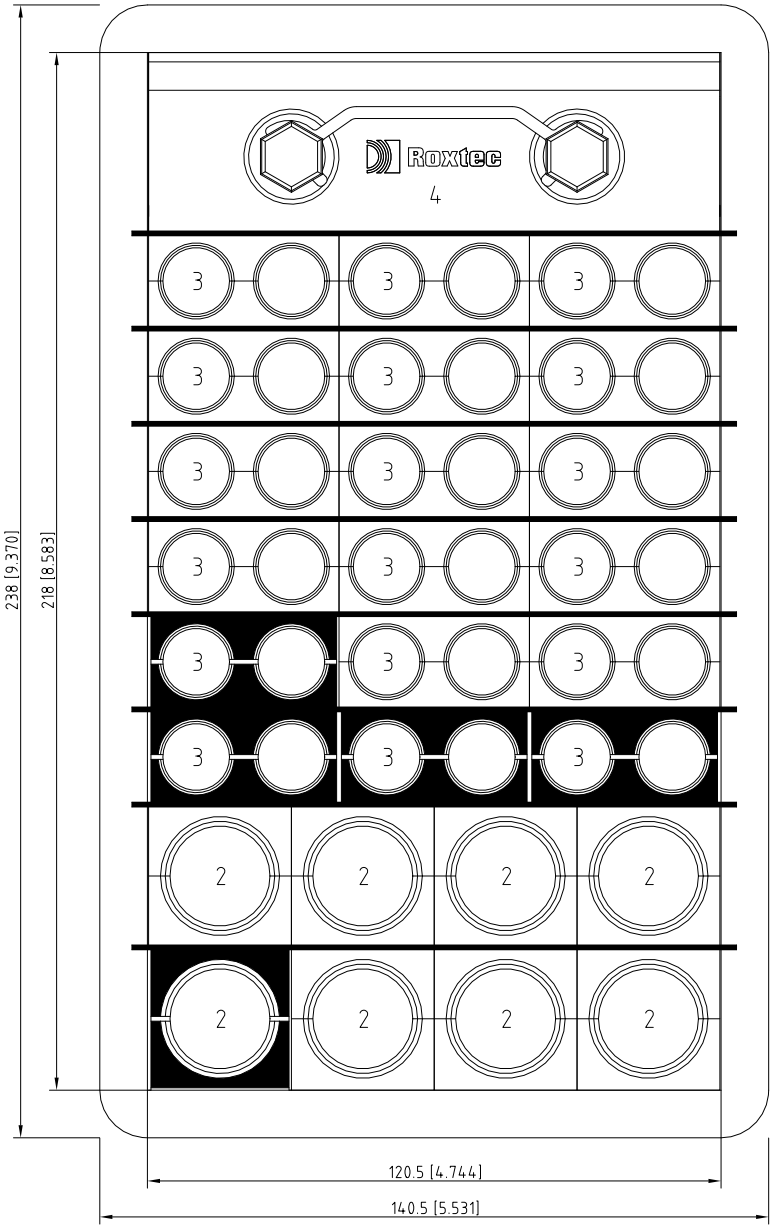
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS Location/ Sublocation	TotWeight: 7 [15.39]
Roxtec	Format: NTS		Transit name: E-MCT-401	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]



MODULE WITH PIPE | MODULE WITH CABLE | SPARE MODULE | SOLID MODULE

Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	8	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
4	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
3	18	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	8	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-10	BLPH - ROS Location/ Sublocation	7 [15.39]
Roxtec	Format NTS		Transit name E-MCT-401	Sheet No 2/3
	Client		Drawing number	Rev

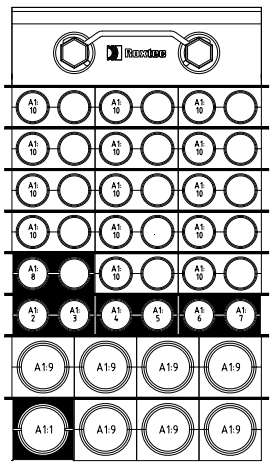
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A1

A1



Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ [“])	Module Type
A1:10						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:9						RM 30 10-25 [0.394"-0.984"]
A1:8	85002-CEC	BESS	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7	83109-CEL	Server cabiner ITER - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:6	83108-CEL	System Server / Network Cabinet - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:5	83107-CEL	FGS Fire & Gas Panel - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:4	83106-CEL	EMCS -Controller and I/O Cabinet - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:3	83105-CEL	PCS -Controller and I/O Cabinet - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:2	83104-CEL	SIS -Controller and I/O Cabinet - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:1	84317-CEL	UCP - HVAC ITER	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]


MODULE WITH PIPE


MODULE WITH CABLE


SPARE MODULE


SOLID MODULE

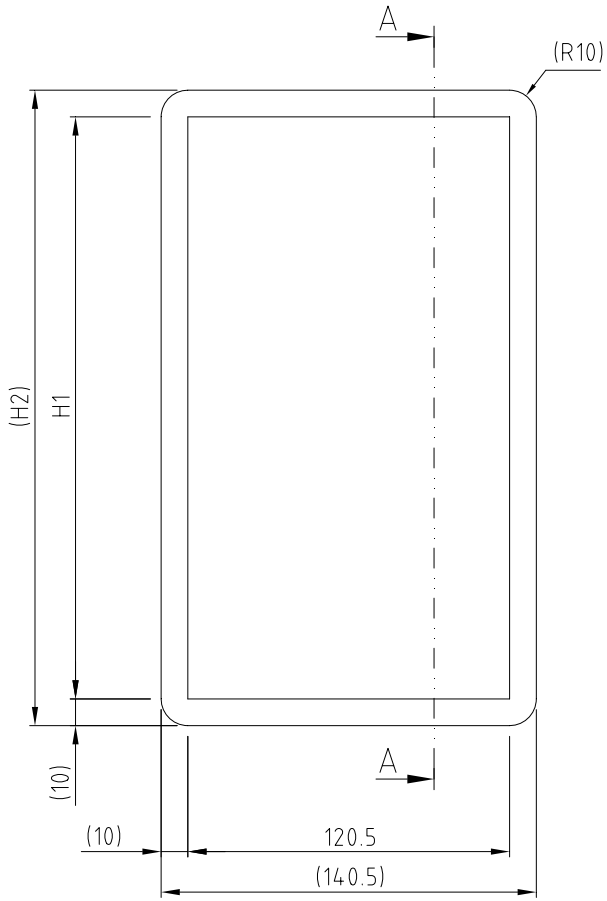
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS		TotWeight: 7 [15.39]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-401		
	Client		Drawing number		Rev

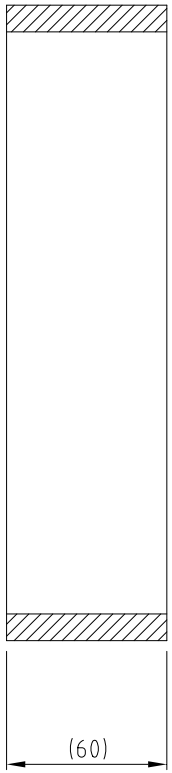
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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

ROXTEC INTERNATIONAL AB
BOX 540 S-371 23 Karlskrona
TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

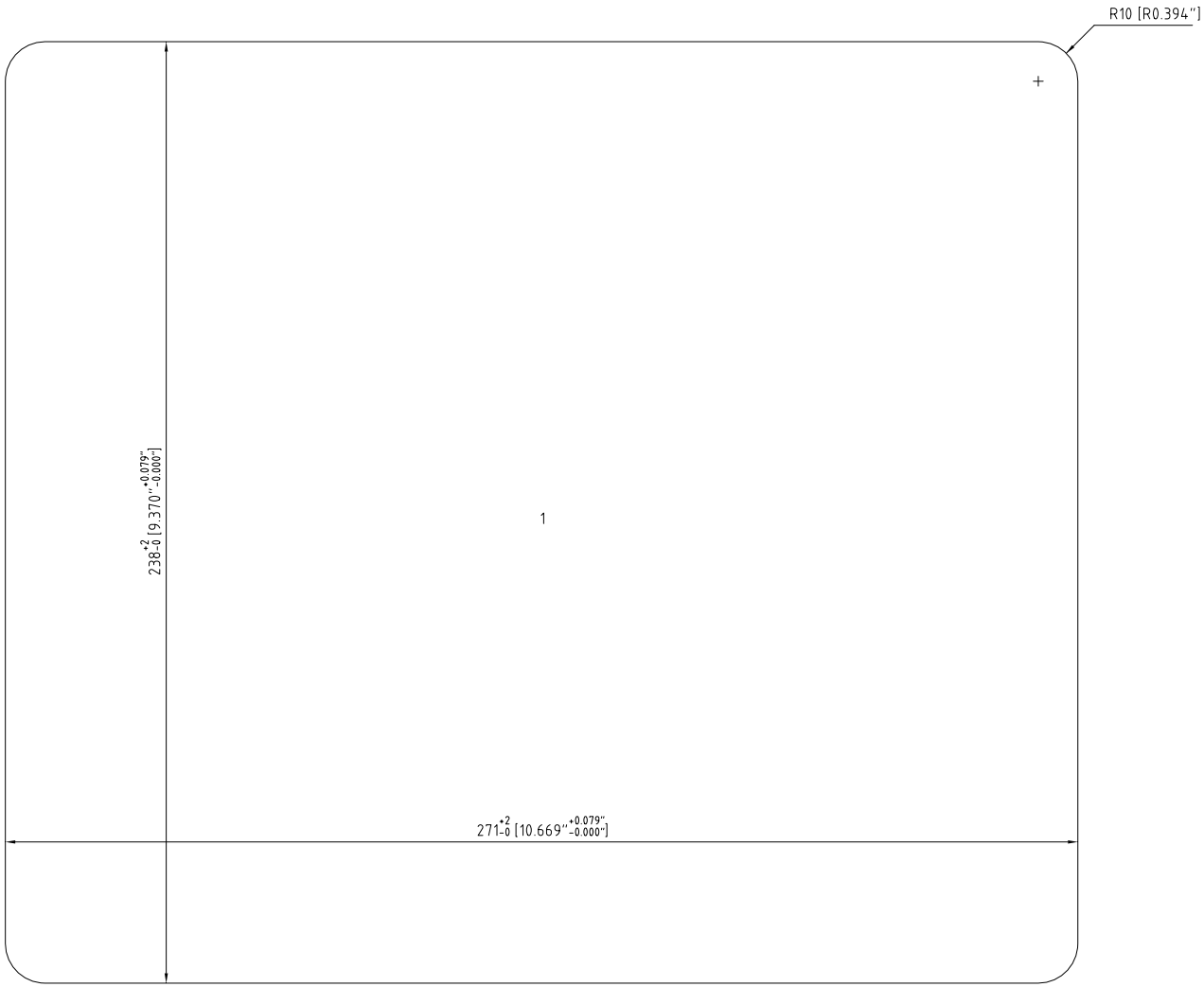
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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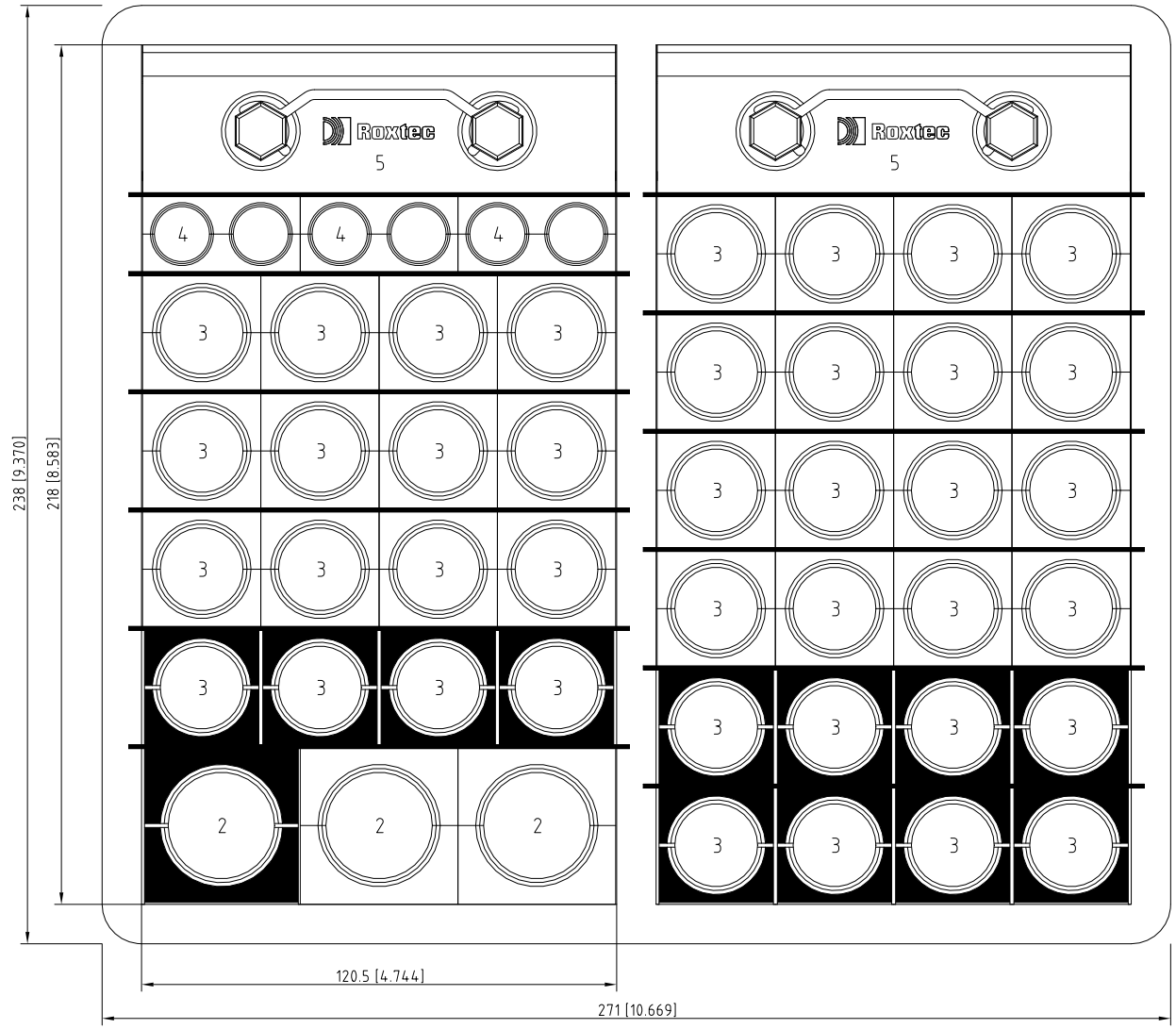
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 12.4 [27.23]
Roxtec	Format: NTS		Transit name: E-MCT-402	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	12	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	3	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
3	40	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
2	3	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 12.4 [27.23]
Roxtec	Format: NTS		Transit name: E-MCT-402	Sheet No: 2/3
	Client	Drawing number		Rev

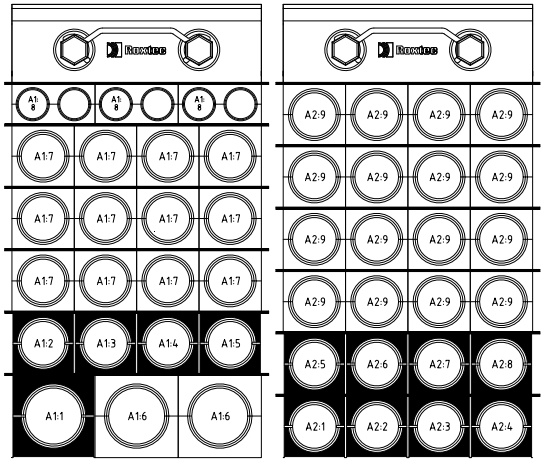
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A1 A2

A1 A2



A2:9						RM 30 10-25 [0.394"-0.984"]
A2:8	84308-CEL	Server Cabinet ITER - Line B	3G6	Power	18.3 [0.720"]	RM 30 10-25 [0.394"-0.984"]
A2:7	84307-CEL	Server Cabinet ITER - Line A	3G6	Power	18.3 [0.720"]	RM 30 10-25 [0.394"-0.984"]
A2:6	84306-CEL	EMCS -Controller and I/O Cabinet - Line B	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:5	84305-CEL	EMCS -Controller and I/O Cabinet - Line A	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:4	84304-CEL	PCS -Controller and I/O Cabinet - Line B	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:3	84303-CEL	PCS -Controller and I/O Cabinet - Line A	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:2	84302-CEL	SIS -Controller and I/O Cabinet - Line B	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:1	84301-CEL	SIS -Controller and I/O Cabinet - Line A	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:8						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7						RM 30 10-25 [0.394"-0.984"]
A1:6						RM 40 21.5-34.5 [0.846"-1.358"]
A1:5	84404-CEL	System Server / Network Cabinet - Line B	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:4	84403-CEL	System Server / Network Cabinet - Line A	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:3	84402-CEL	FGS Fire & Gas Panel - Line B	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:2	84401-CEL	FGS Fire & Gas Panel - Line A	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:1	83026-CEL	HVAC panels - ITER	5G16	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS	TotWeight: 12.4 [27.23]
Roxtec	Format: NTS		Location/ Sublocation	Sheet No: 3/3
	Client		Transit name: E-MCT-402	
		Drawing number		Rev

Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

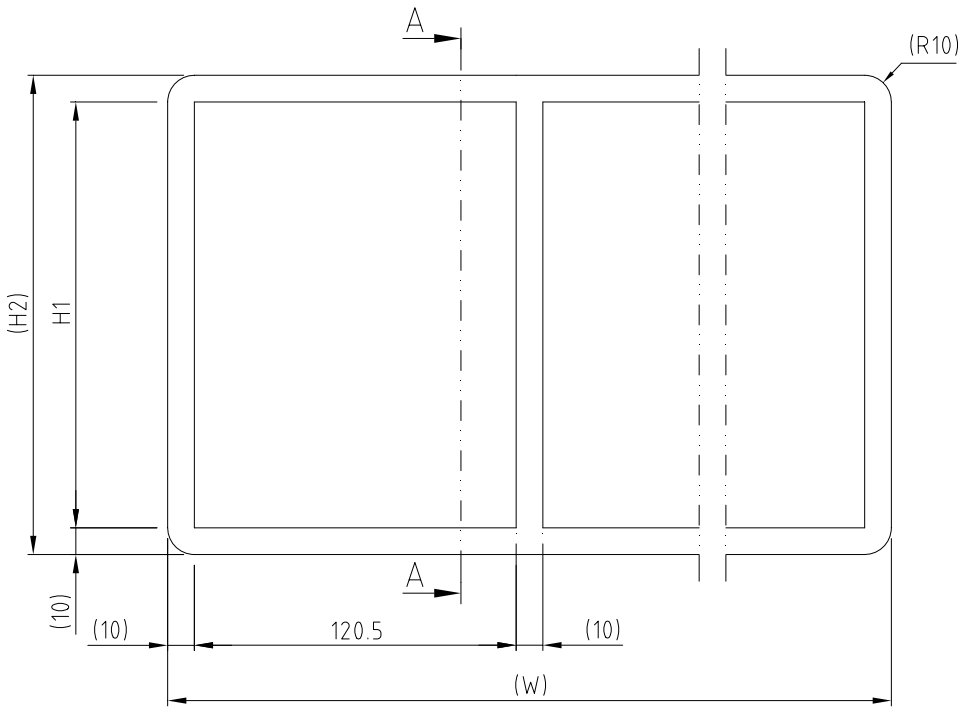
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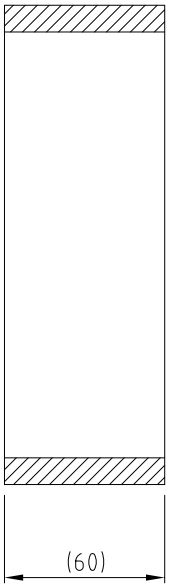
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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

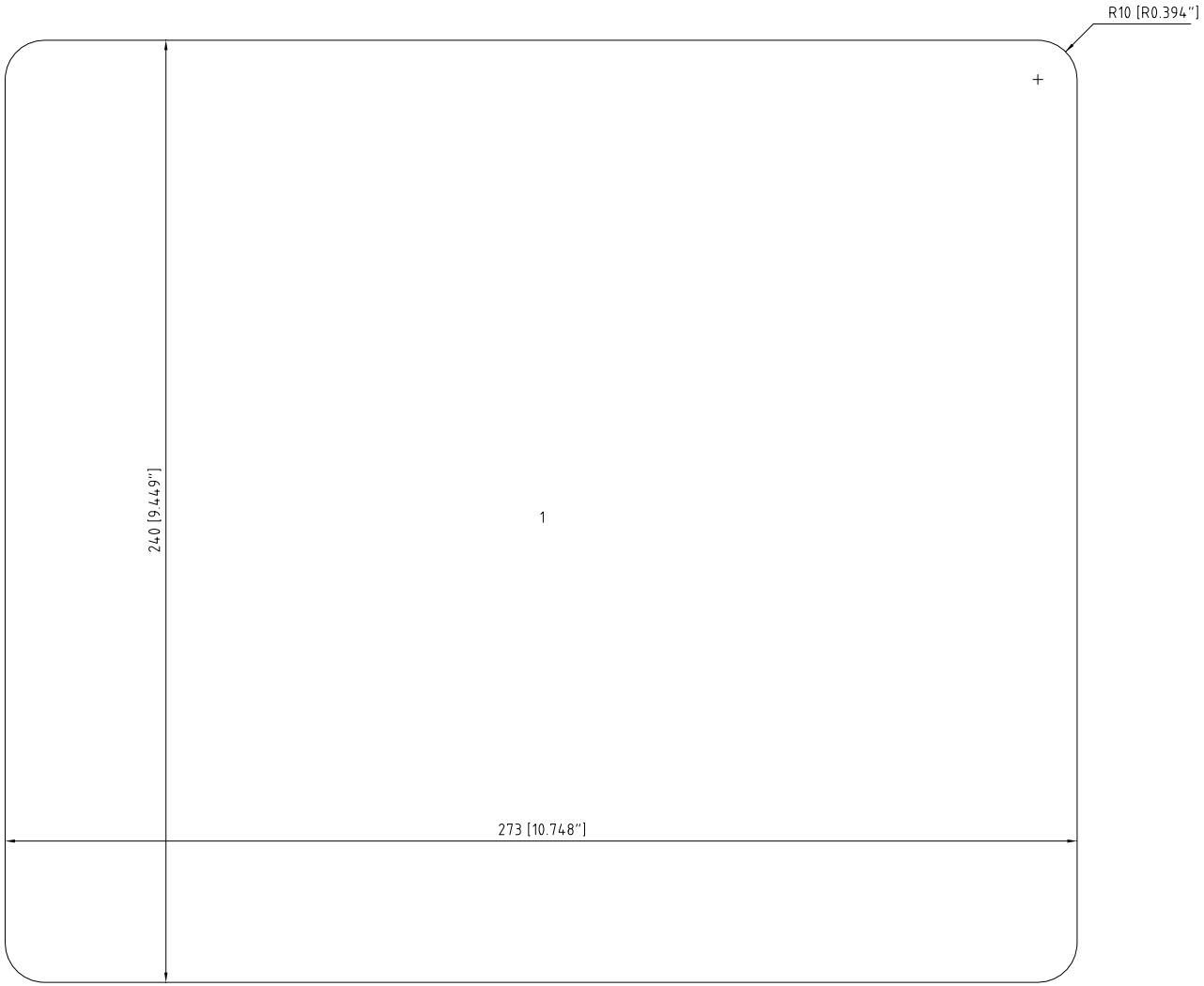
TOP DECK MCT

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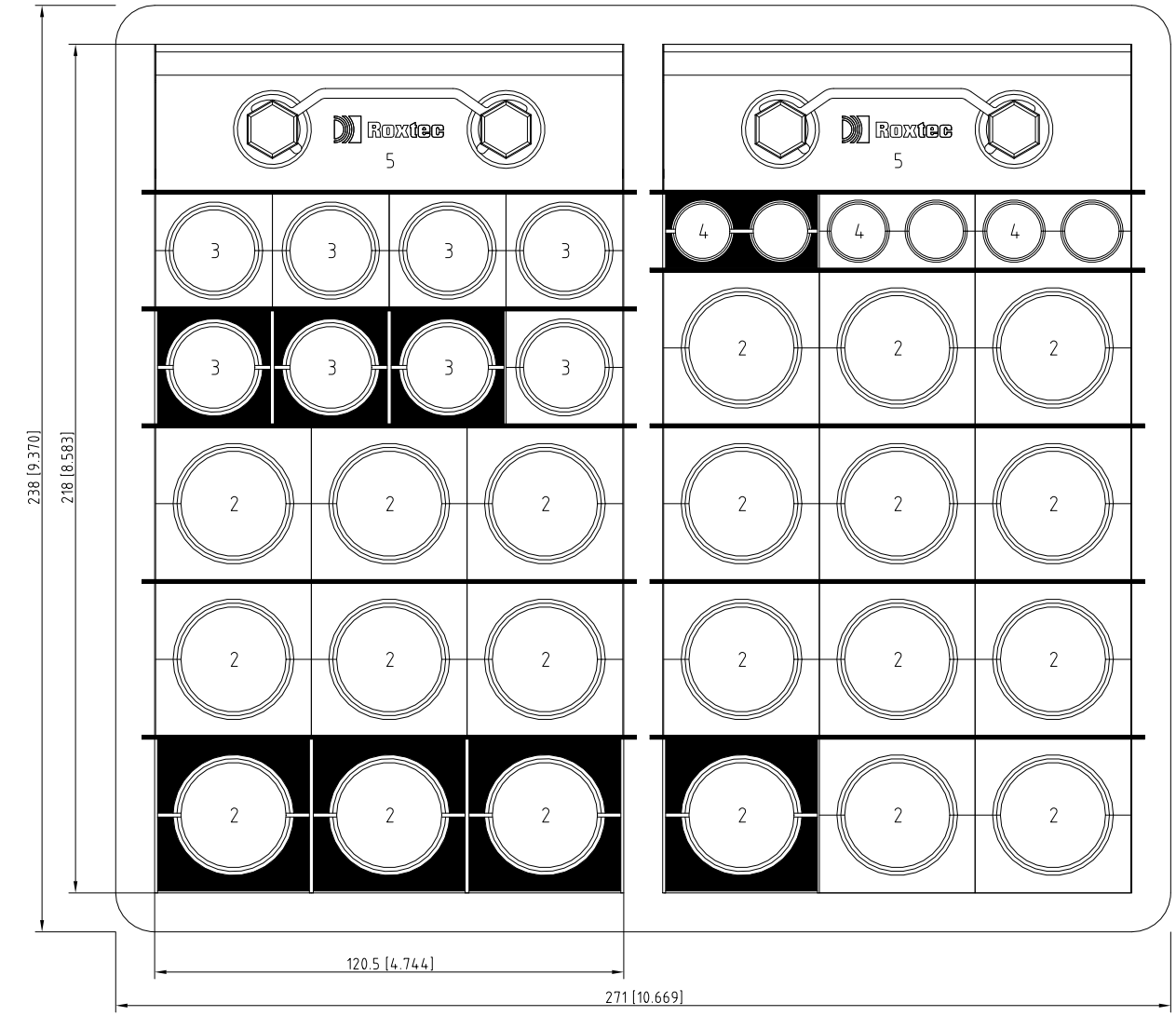
Cutout Detail

Frame: S 6x2 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 12.1 [26.65]
Roxtec	Format: NTS		Transit name: E-MCT-U02	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 273x240 [10.748"x9.449"]



MODULE WITH PIPE | MODULE WITH CABLE | SPARE MODULE | SOLID MODULE

Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	10	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
5	2	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
4	3	RM 20W40 EX 3.5-16.5 [0.138"-0.650"]	EXRM00120401000	0.1 [0.15]
3	8	RM 30 EX 10-25 [0.394"-0.984"]	EXRM00100301000	0.1 [0.18]
2	21	RM 40 EX 21.5-34.5 [0.846"-1.358"]	EXRM00100401000	0.1 [0.31]
1	1	S 6x2 Ex PRIMED	EXS006000000212	5.6 [12.35]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	12.1 [26.65]
Roxtec	Format NTS		Transit name E-MCT-U02	Sheet No 2/3
	Client		Drawing number	Rev

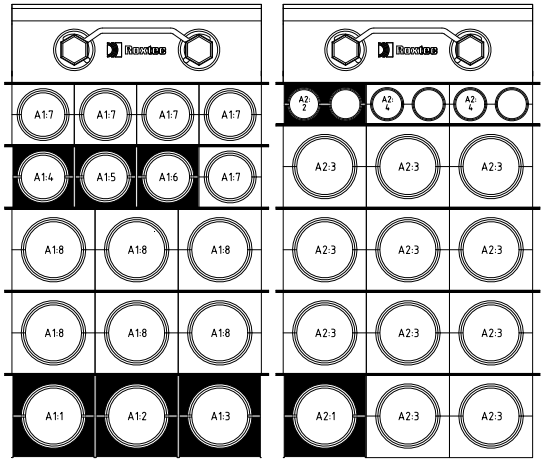
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A1 A2

A1 A2



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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[“])	Module Type
A2:4						RM 20W40 EX 3.5-16.5 [0.138"-0.650"]
A2:3						RM 40 EX 21.5-34.5 [0.846"-1.358"]
A2:2	20001-CEC	A20000 - 6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 EX 3.5-16.5 [0.138"-0.650"]
A2:1	83013-CEL-N	Electrolyser Auxiliary load	1C X 300	Power	29.4 [1.157"]	RM 40 EX 21.5-34.5 [0.846"-1.358"]
A1:8						RM 40 EX 21.5-34.5 [0.846"-1.358"]
A1:7						RM 30 EX 10-25 [0.394"-0.984"]
A1:6	P-ELF-200N1-02-L1-14	Normal Lighting	3G2.5	Power	15.5 [0.610"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:5	83013-CEL-E	Electrolyser Auxiliary load	1C X 150	PE	17.7 [0.697"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:4	72213-CEL	Intermediate Obstruction Red Light	3G2.5	Power	15.5 [0.610"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:3	83013-CEL-L3	Electrolyser Auxiliary load	1C X 300	Power	29.4 [1.157"]	RM 40 EX 21.5-34.5 [0.846"-1.358"]
A1:2	83013-CEL-L2	Electrolyser Auxiliary load	1C X 300	Power	29.4 [1.157"]	RM 40 EX 21.5-34.5 [0.846"-1.358"]
A1:1	83013-CEL-L1	Electrolyser Auxiliary load	1C X 300	Power	29.4 [1.157"]	RM 40 EX 21.5-34.5 [0.846"-1.358"]

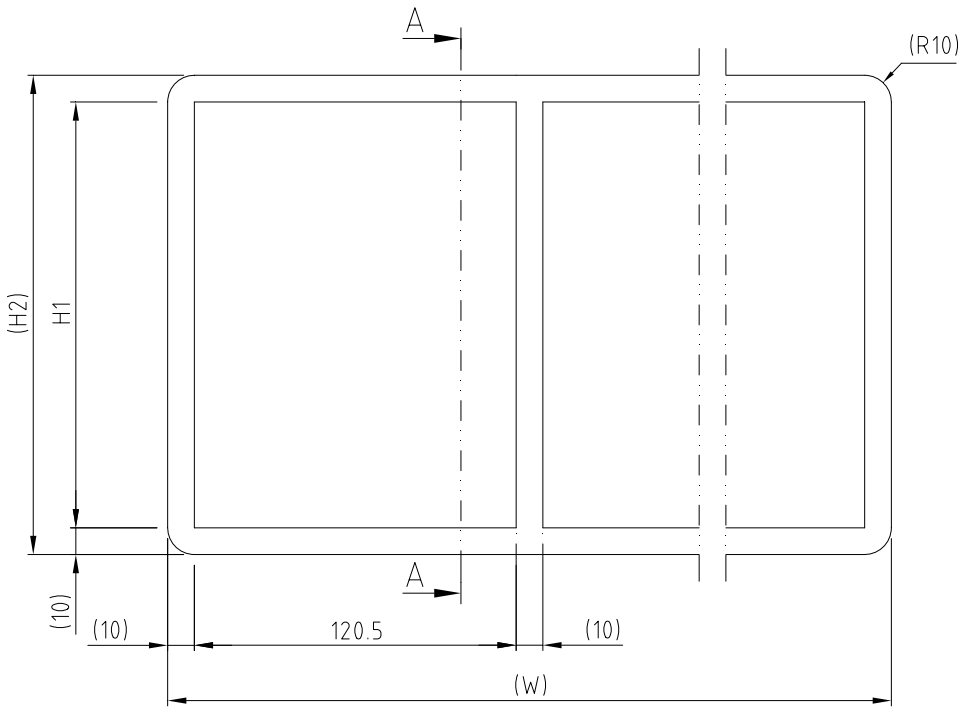
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

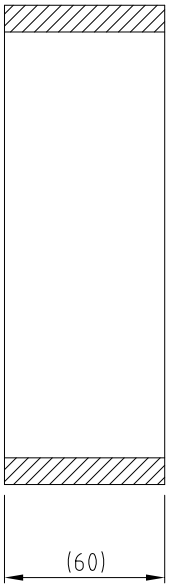
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Roxtec	Format: NTS		Transit name: E-MCT-U02		Sheet No: 3/3
	Client:		Drawing number:		Rev:

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Rev	Type of revision	Date	Sign
–	–	2006-12-21	

Item	Qty	Designation	Specification	NetWeight

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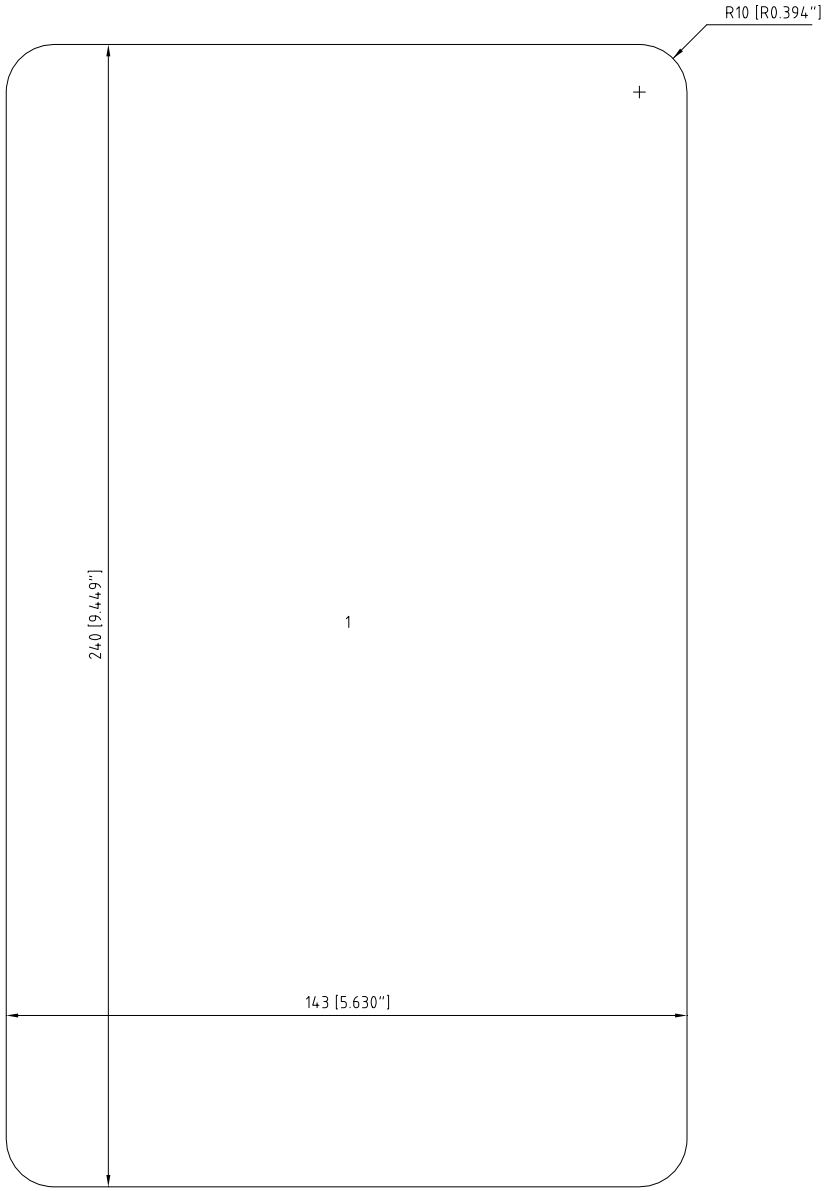
Roxtec

Designed by: M PRZYBYLA	Date: 2009-03-10	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	TotWeight: –
Checked by: J AKESSON	Format: A3	Title: S FRAME EX COMBINATION FRAME			Projection method
Approved by: J AKESSON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING		Drawing number: S1016621			Rev: –

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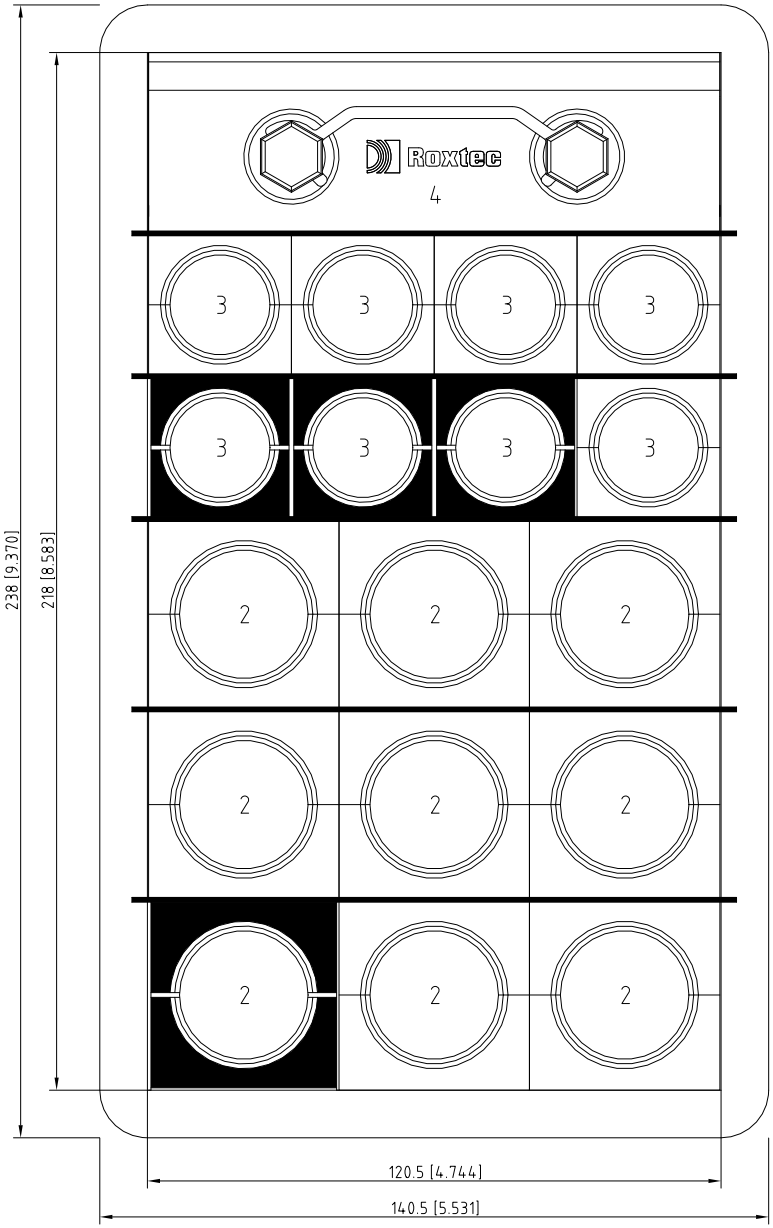
Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.7 [14.66]
Roxtec	Format: NTS		Transit name: E-MCT-U03	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	5	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
4	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
3	8	RM 30 EX 10-25 [0.394"-0.984"]	EXRM00100301000	0.1 [0.18]
2	9	RM 40 EX 21.5-34.5 [0.846"-1.358"]	EXRM00100401000	0.1 [0.31]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	6.7 [14.66]
Roxtec	Format NTS		Transit name E-MCT-U03	Sheet No 2/3
	Client		Drawing number	Rev

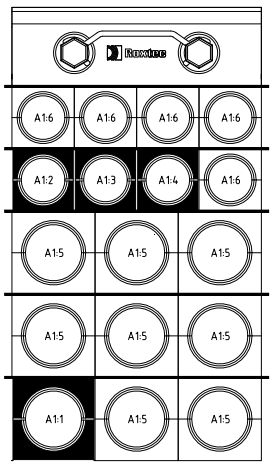
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A1

A1



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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[“])	Module Type
A1:6						RM 30 EX 10-25 [0.394"-0.984"]
A1:5						RM 40 EX 21.5-34.5 [0.846"-1.358"]
A1:4	P-EJB-200N1-02-L1-03	Normal Lighting JB - Upperdeck	3G4	Power	17 [0.669"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:3	P-EJB-200N1-02-L1-02	Normal Lighting JB	3G4	Power	17 [0.669"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:2	P-EJB-200N1-02-L1-01	Normal Lighting JB - Upperdeck	3G4	Power	17 [0.669"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:1	83012-CEL	Fuel Cell Auxiliary Load	5G16	Power	24 [0.945"]	RM 40 EX 21.5-34.5 [0.846"-1.358"]


MODULE WITH PIPE

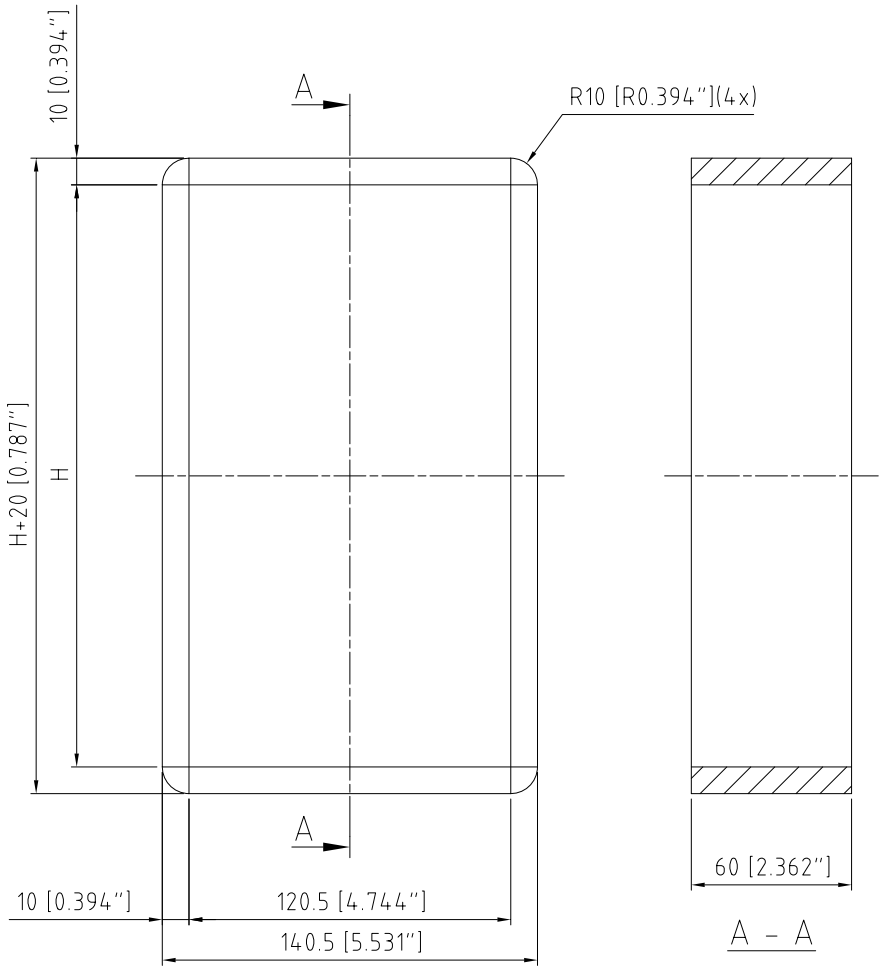

MODULE WITH CABLE


SPARE MODULE


SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS	Location/ Sublocation:	TotWeight: 6.7 [14.66]
Roxtec	Format: NTS		Transit name: E-MCT-U03		Sheet No: 3/3
	Client:		Drawing number:		Rev:

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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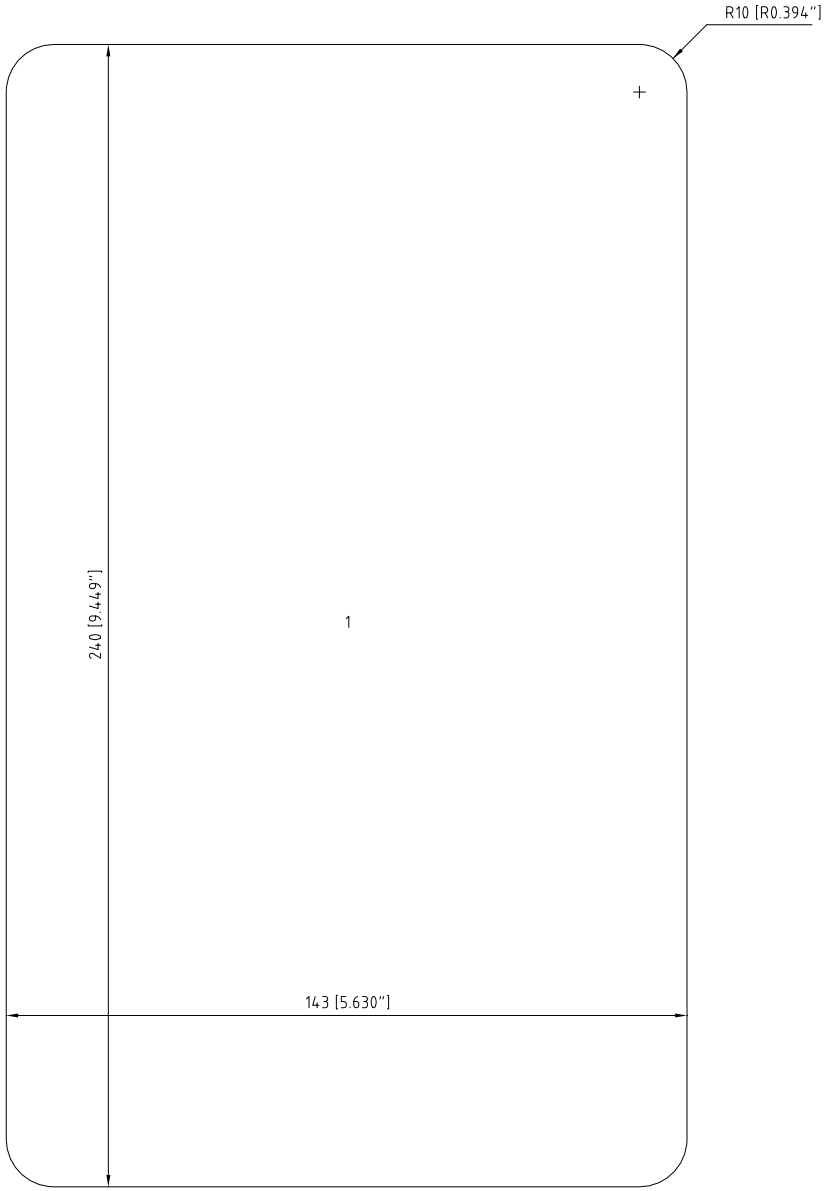
Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

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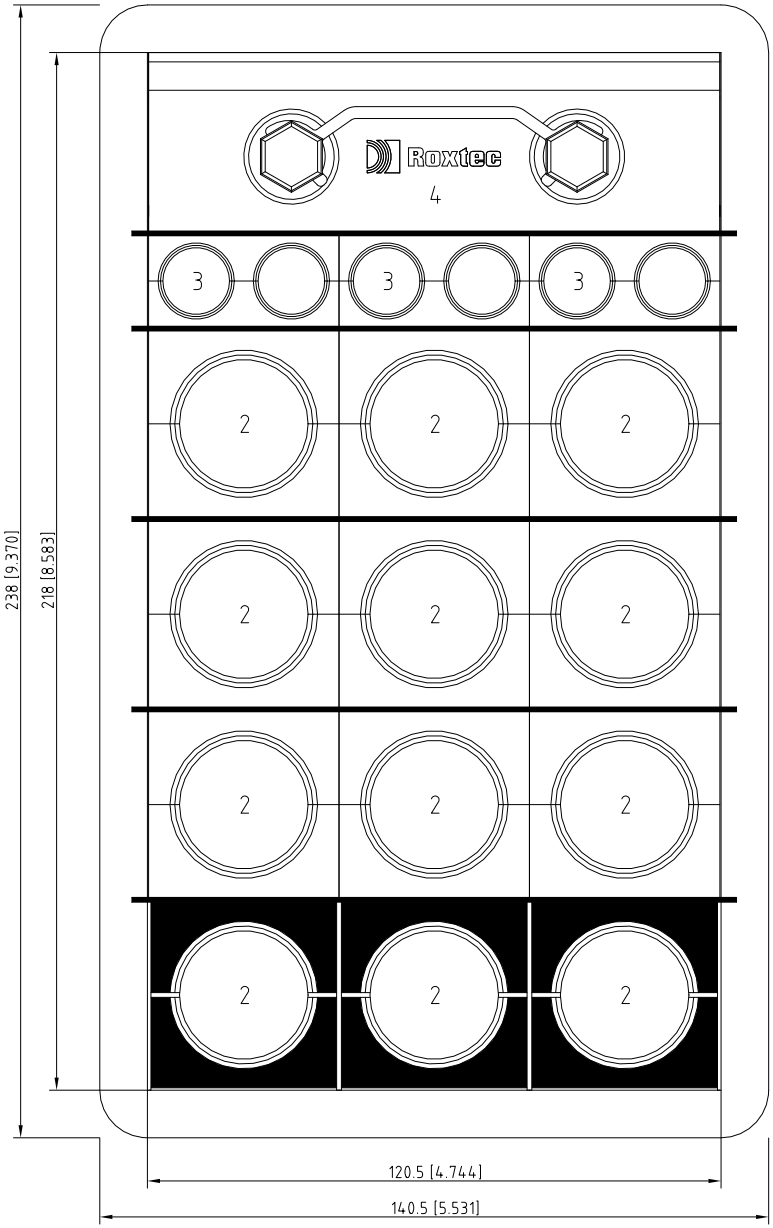


Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS	Location/ Sublocation	TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: E-MCT-U04		Sheet No: 1/3
Client			Drawing number		Rev

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	5	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
4	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
3	3	RM 20W40 EX 3.5-16.5 [0.138"-0.650"]	EXRM00120401000	0.1 [0.15]
2	12	RM 40 EX 21.5-34.5 [0.846"-1.358"]	EXRM00100401000	0.1 [0.31]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: E-MCT-U04	Sheet No: 2/3
	Client		Drawing number	Rev

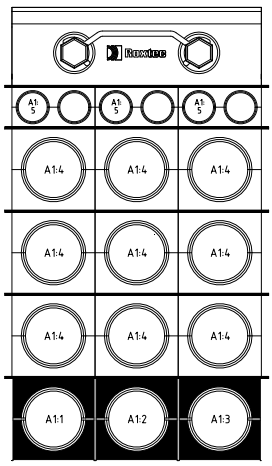
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A1

A1



Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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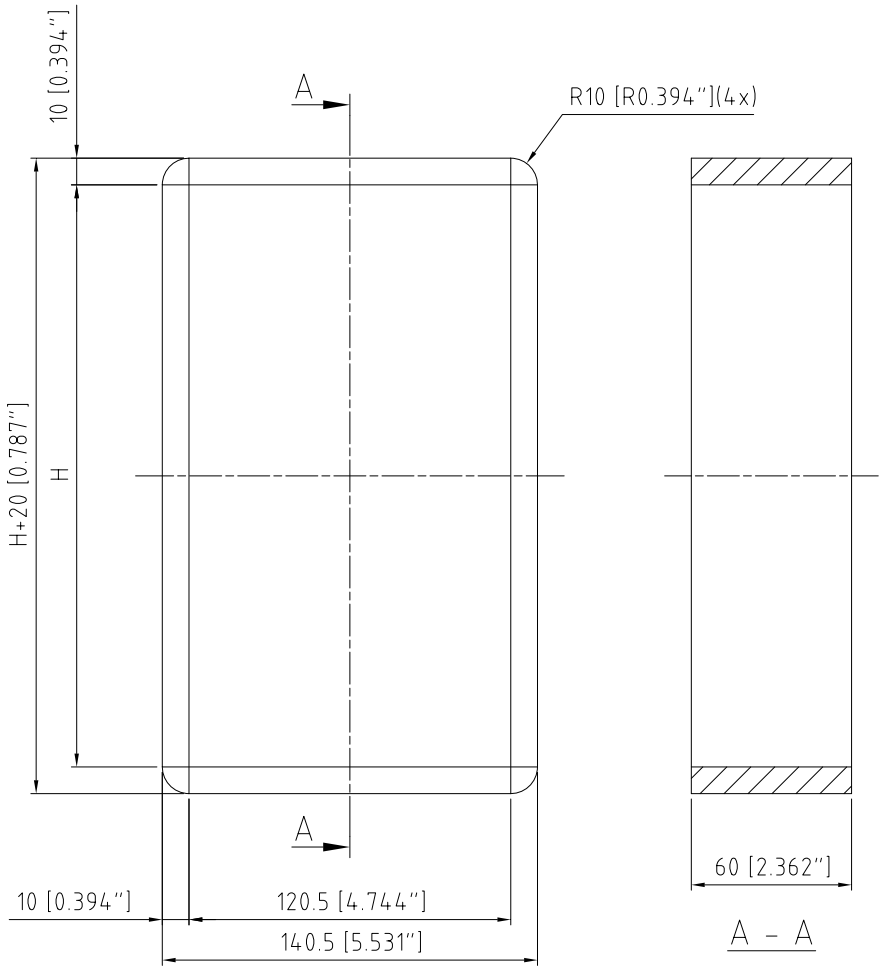
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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type
A1:5						RM 20W40 EX 3.5-16.5 [0.138"-0.650"]
A1:4						RM 40 EX 21.5-34.5 [0.846"-1.358"]
A1:3	82003-CEM-1-L3	6.6/0.4 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 EX 21.5-34.5 [0.846"-1.358"]
A1:2	82003-CEM-1-L2	6.6/0.4 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 EX 21.5-34.5 [0.846"-1.358"]
A1:1	82003-CEM-1-L1	6.6/0.4 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 EX 21.5-34.5 [0.846"-1.358"]

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS		TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-U04		
	Client		Drawing number		Rev

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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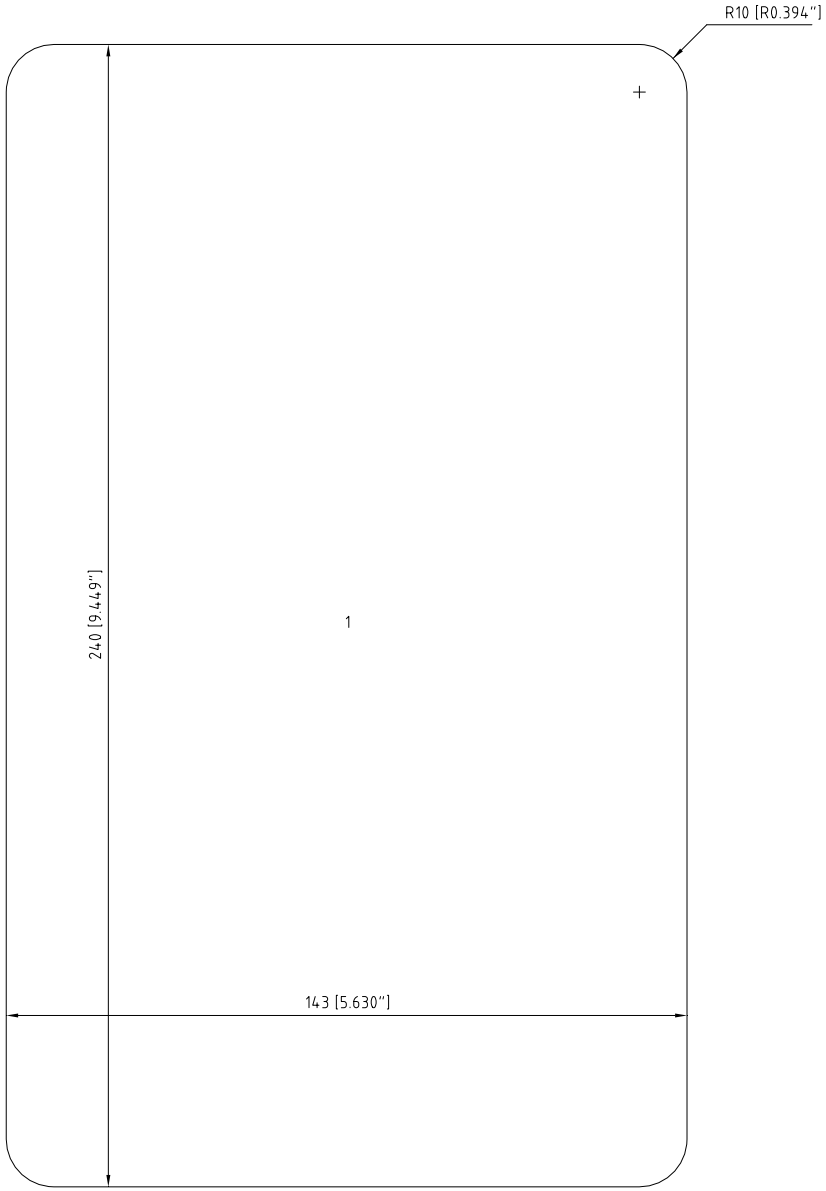
Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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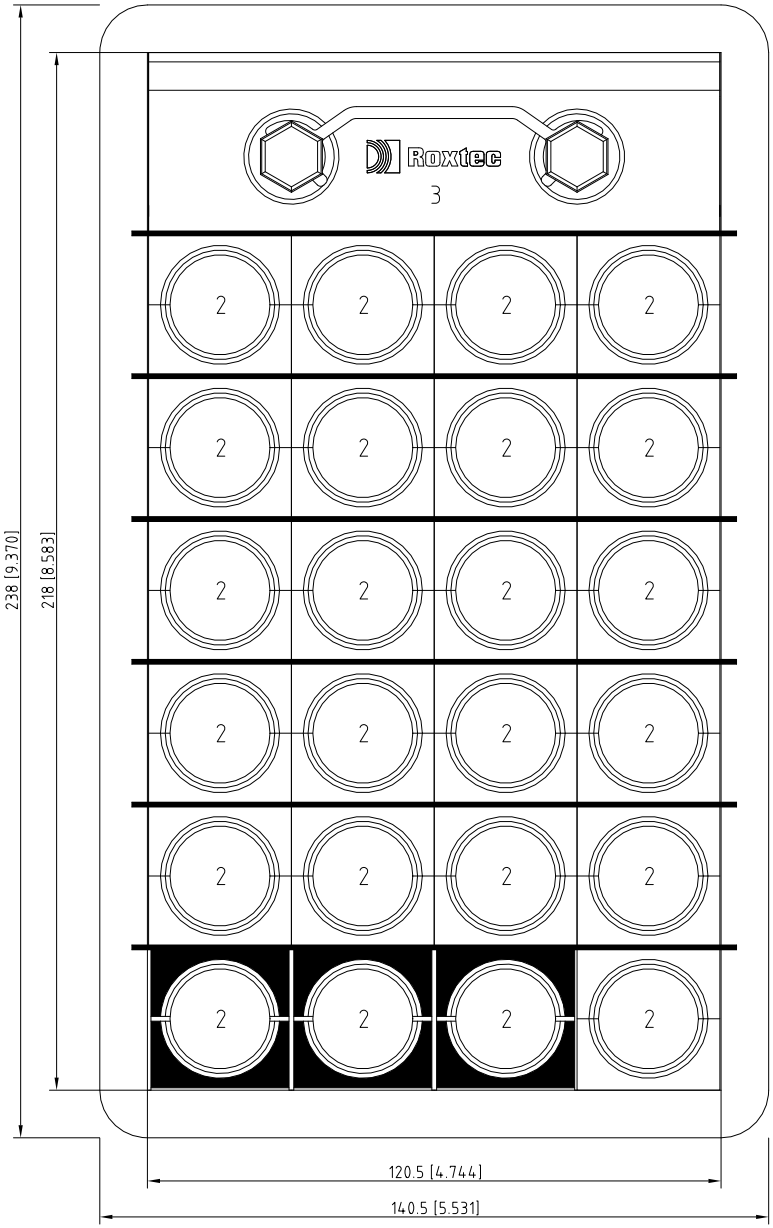
Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.8 [14.95]
Roxtec	Format: NTS		Transit name: E-MCT-U05	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]



MODULE WITH PIPE | MODULE WITH CABLE | SPARE MODULE | SOLID MODULE

Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
4	6	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
3	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
2	24	RM 30 EX 10-25 [0.394"-0.984"]	EXRM00100301000	0.1 [0.18]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	6.8 [14.95]
Roxtec	Format NTS		Transit name E-MCT-U05	Sheet No 2/3
	Client		Drawing number	Rev

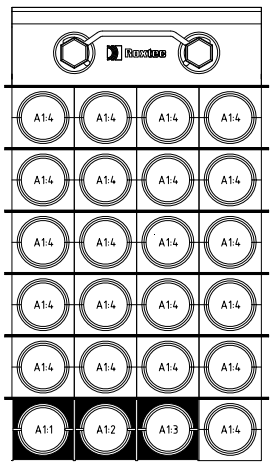
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A1

A1



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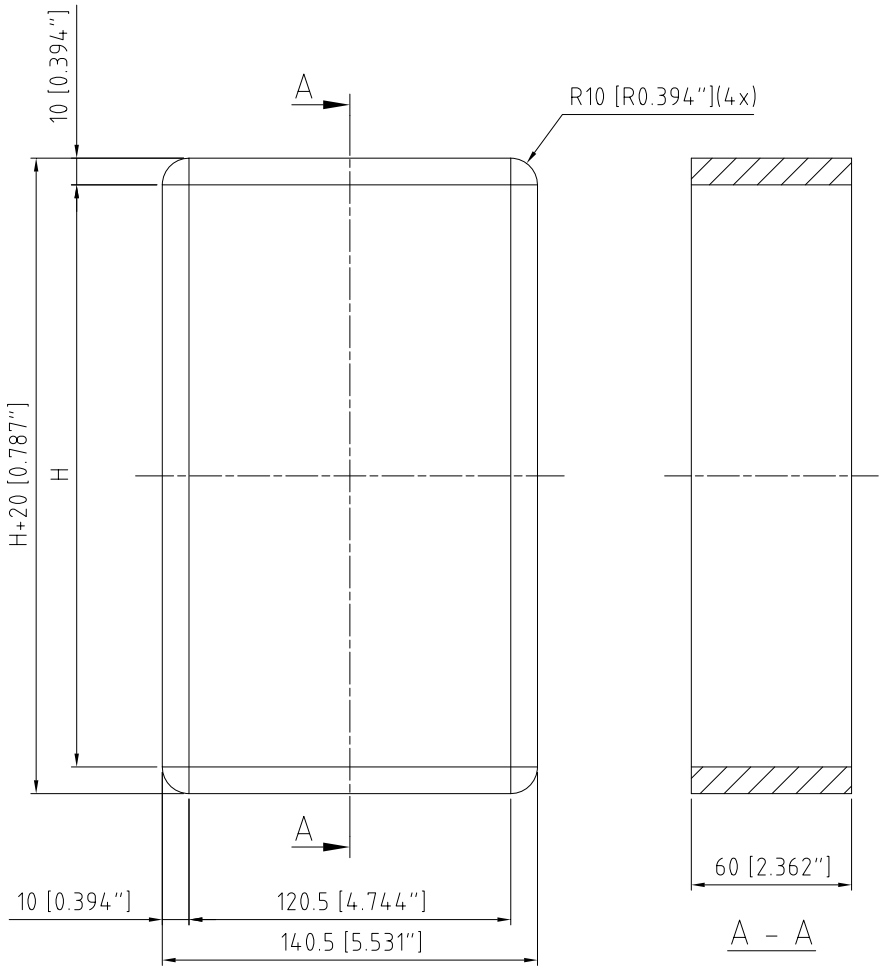
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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[“])	Module Type
A1:4						RM 30 EX 10-25 [0.394"-0.984"]
A1:3	P-ELF-200N1-02-L1-14	Normal Lighting	3G2.5	Power	15.5 [0.610"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:2	P-EJB-200N1-08-L1-12	Emergency Lighting JB	4G4_E	Power	18.3 [0.720"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:1	P-EJB-200N1-08-L1-03	Emergency Lighting JB	4G4_E	Power	18.3 [0.720"]	RM 30 EX 10-25 [0.394"-0.984"]

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 6.8 [14.95]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-U05		
	Client		Drawing number		Rev

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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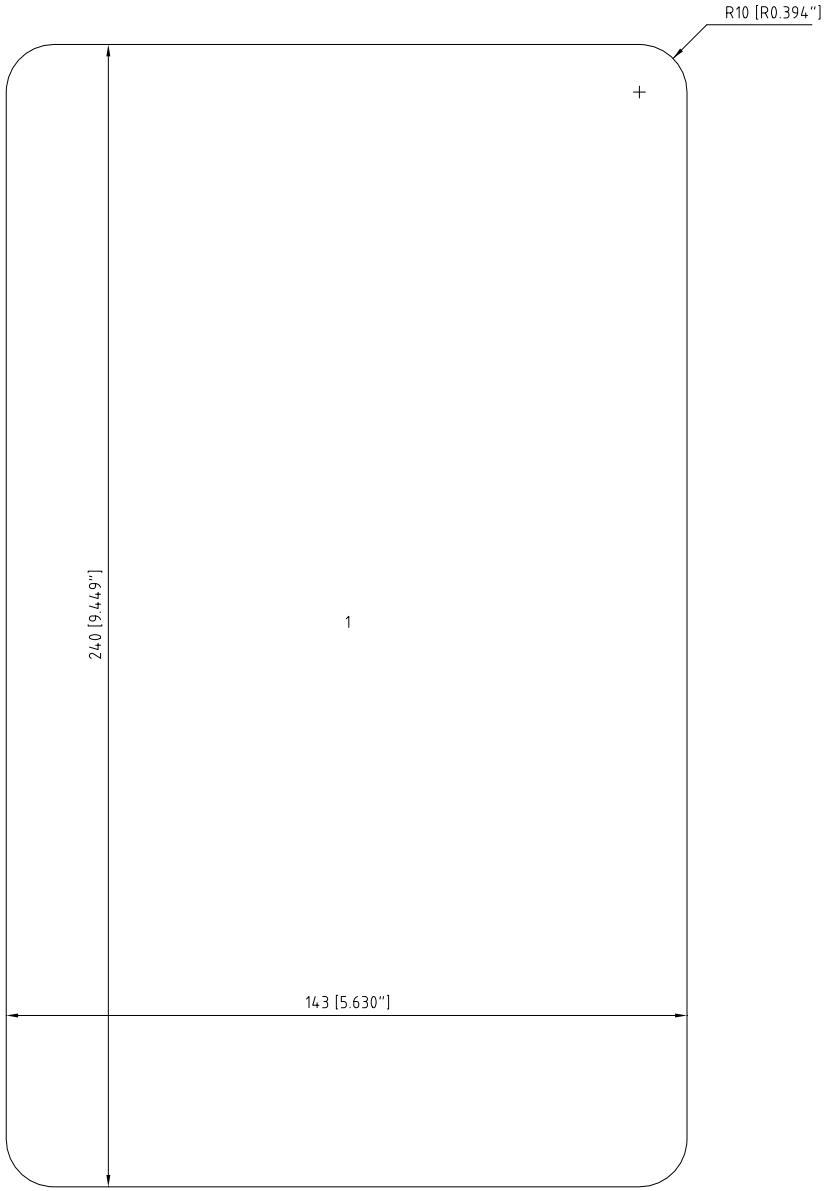
Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

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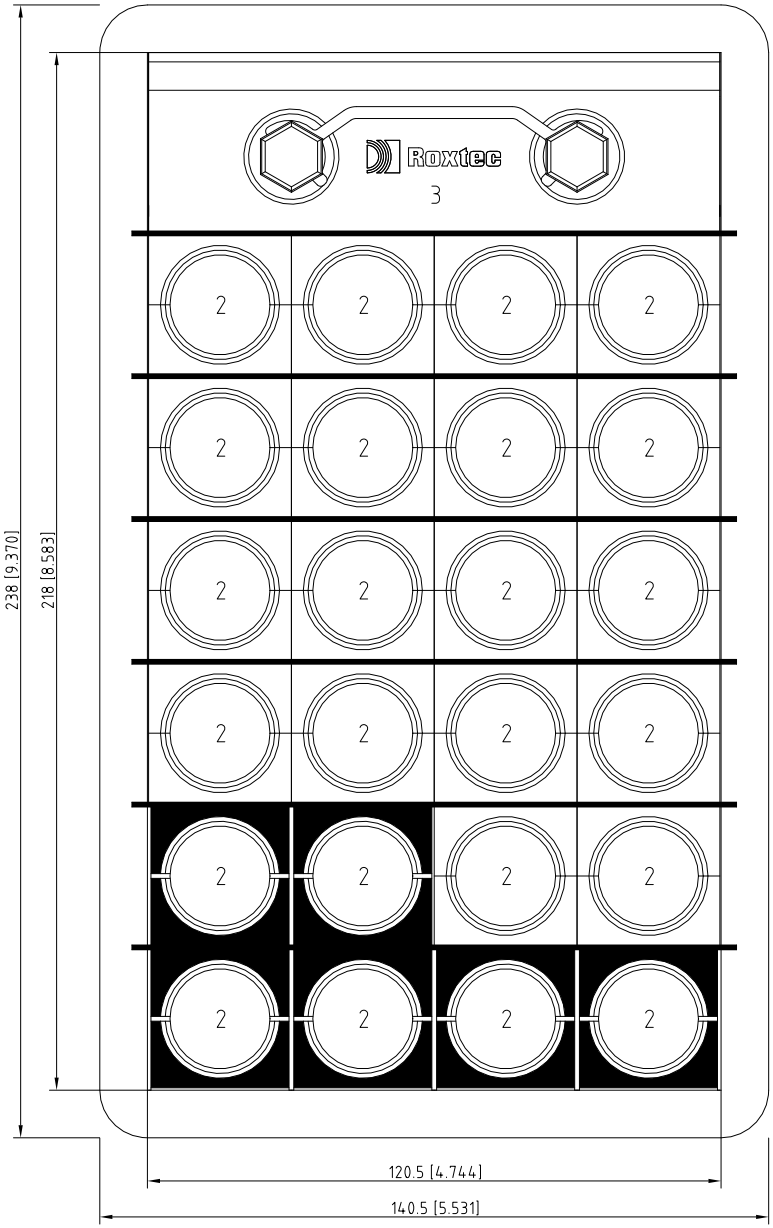
Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS	Location/ Sublocation	TotWeight: 6.8 [14.95]
Roxtec	Format: NTS		Transit name: E-MCT-U06		Sheet No: 1/3
Client			Drawing number		Rev

RTD Version No: 4.37.4.0

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
4	6	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
3	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
2	24	RM 30 EX 10-25 [0.394"-0.984"]	EXRM00100301000	0.1 [0.18]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	6.8 [14.95]
Roxtec	Format NTS		Transit name E-MCT-U06	Sheet No 2/3
	Client		Drawing number	Rev

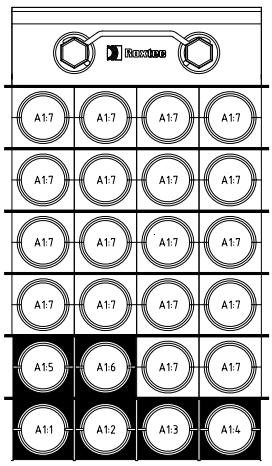
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A1

A1



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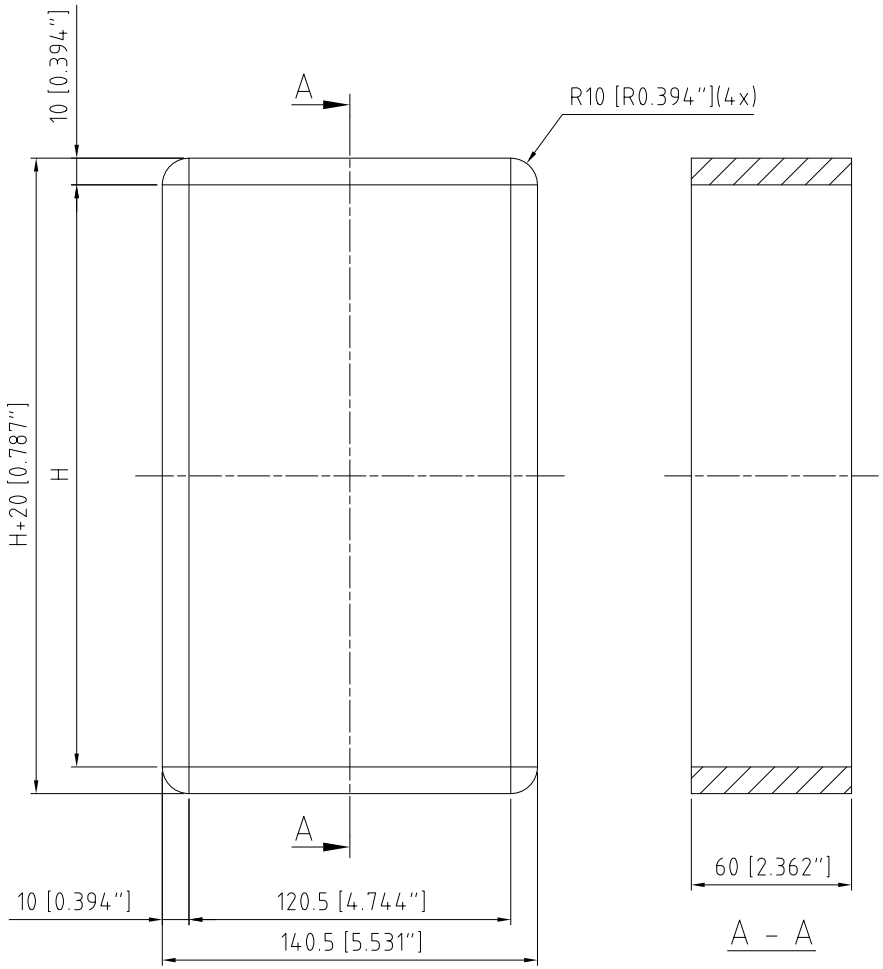
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A1:7						RM 30 EX 10-25 [0.394"-0.984"]
A1:6	P-EJB-200N1-08-L1-04	Emergency Lighting Upper Deck	4G4_E	Power	18.3 [0.720"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:5	P-EJB-200N1-08-L1-03	Emergency Lighting JB	4G4_E	Power	18.3 [0.720"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:4	P-EJB-200N1-02-L1-03	Normal Lighting JB	3G4	Power	17 [0.669"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:3	P-EJB-200N1-02-L1-02	Normal Lighting JB	3G4	Power	17 [0.669"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:2	72213-CEL	Intermediate Obstruction Red Light	3G2.5	Power	15.5 [0.610"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:1	72203-CEL	Top Obstruction lights Junction box	3G2.5	Power	15.5 [0.610"]	RM 30 EX 10-25 [0.394"-0.984"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 6.8 [14.95]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-U06		
	Client		Drawing number		Rev

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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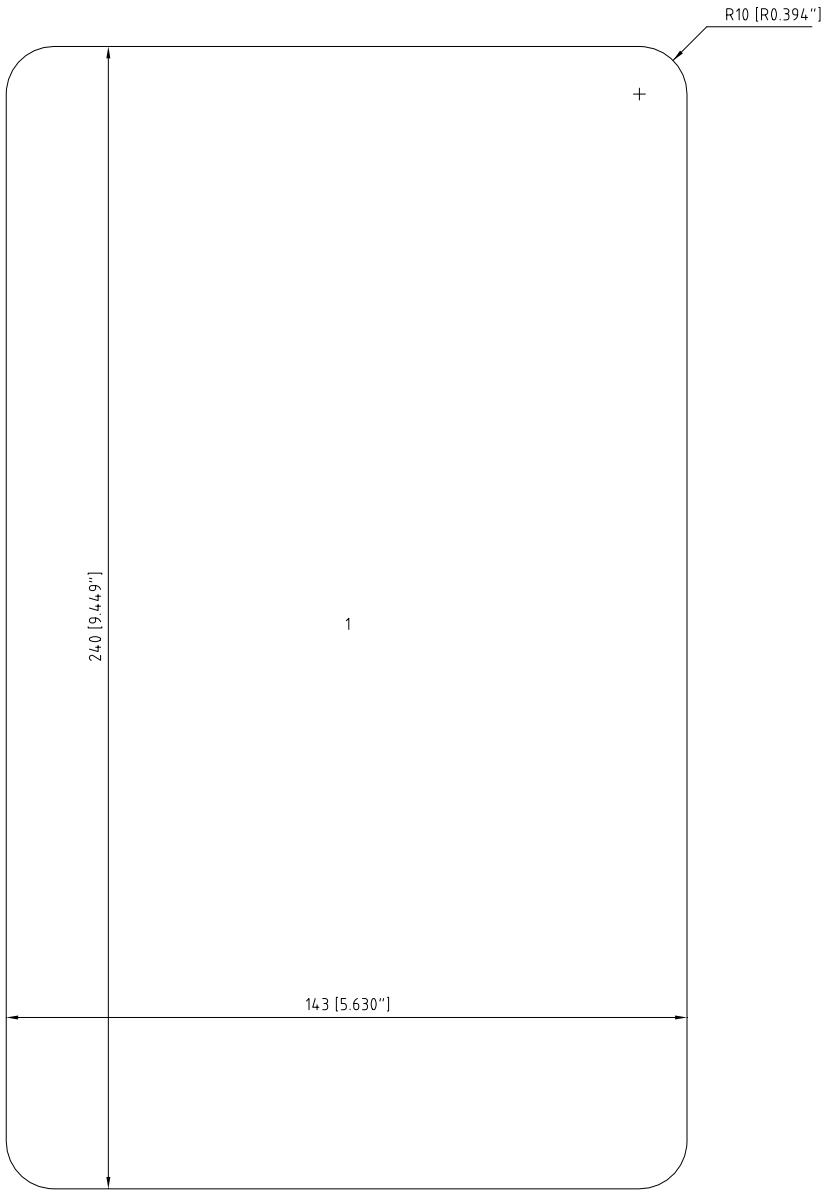
Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

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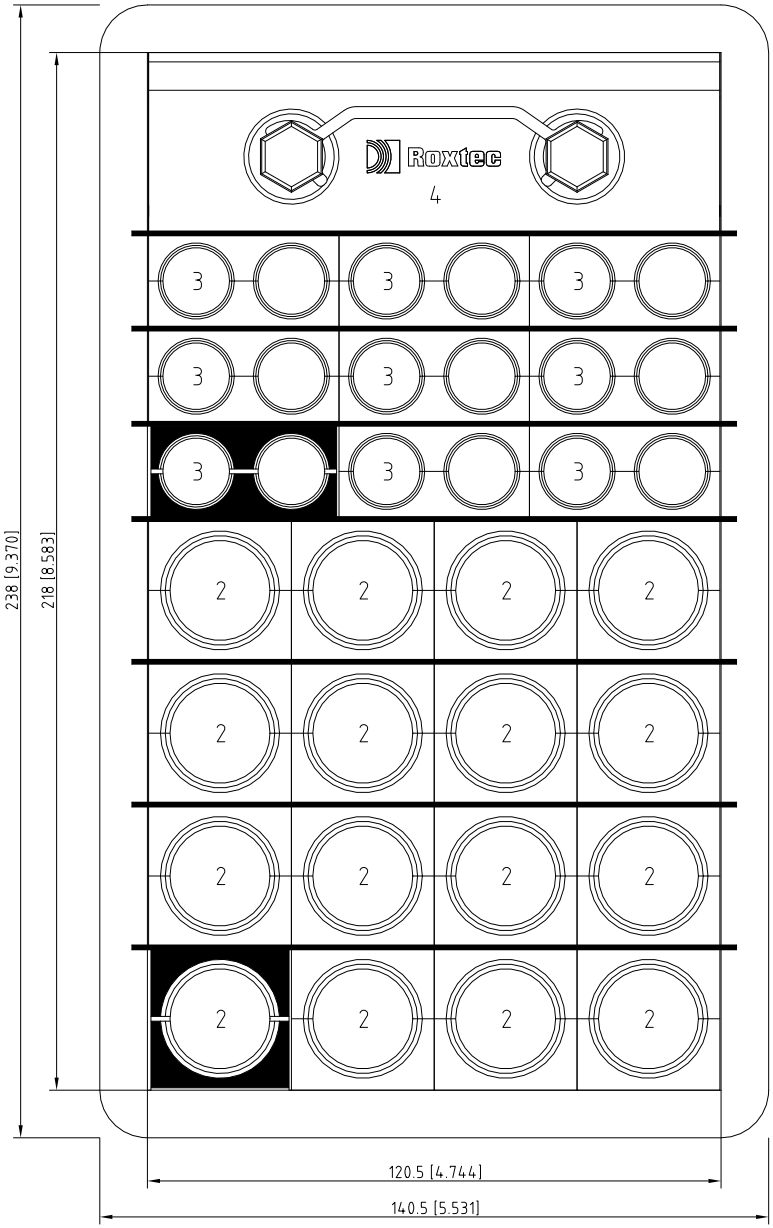
Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.9 [15.17]
Roxtec	Format: NTS		Transit name: E-MCT-U07	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	7	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
4	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
3	9	RM 20W40 EX 3.5-16.5 [0.138"-0.650"]	EXRM00120401000	0.1 [0.15]
2	16	RM 30 EX 10-25 [0.394"-0.984"]	EXRM00100301000	0.1 [0.18]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.9 [15.17]
Roxtec	Format: NTS		Transit name: E-MCT-U07	Sheet No: 2/3
	Client		Drawing number	Rev

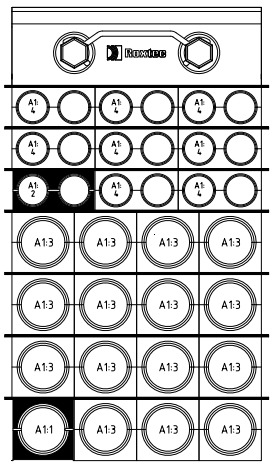
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A1

A1



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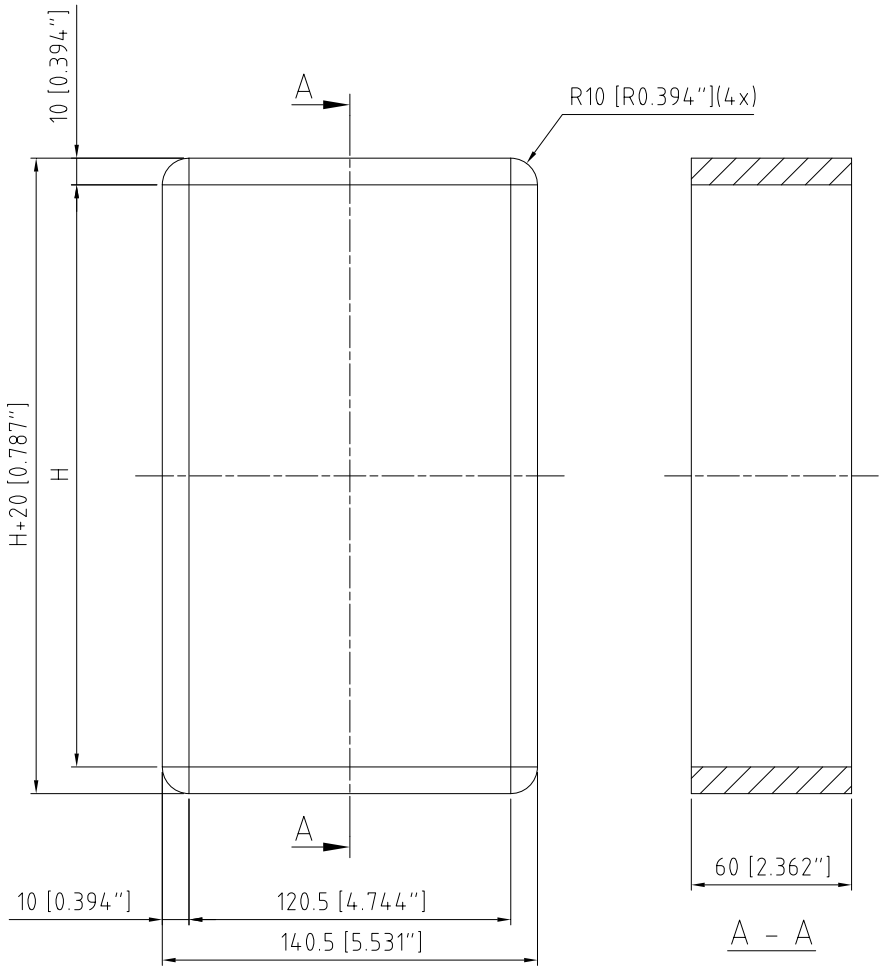
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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type
A1:4						RM 20W40 EX 3.5-16.5 [0.138"-0.650"]
A1:3						RM 30 EX 10-25 [0.394"-0.984"]
A1:2	83110-CEL	UCP - Instrument Air Package -A-63000 - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 EX 3.5-16.5 [0.138"-0.650"]
A1:1	84311-CEL	UCP - Instrument Air Package A-63000	3G2.5	Power	15.5 [0.610"]	RM 30 EX 10-25 [0.394"-0.984"]

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS	Location/ Sublocation:	TotWeight: 6.9 [15.17]
Roxtec	Format: NTS		Transit name: E-MCT-U07		Sheet No: 3/3
	Client:		Drawing number:		Rev:

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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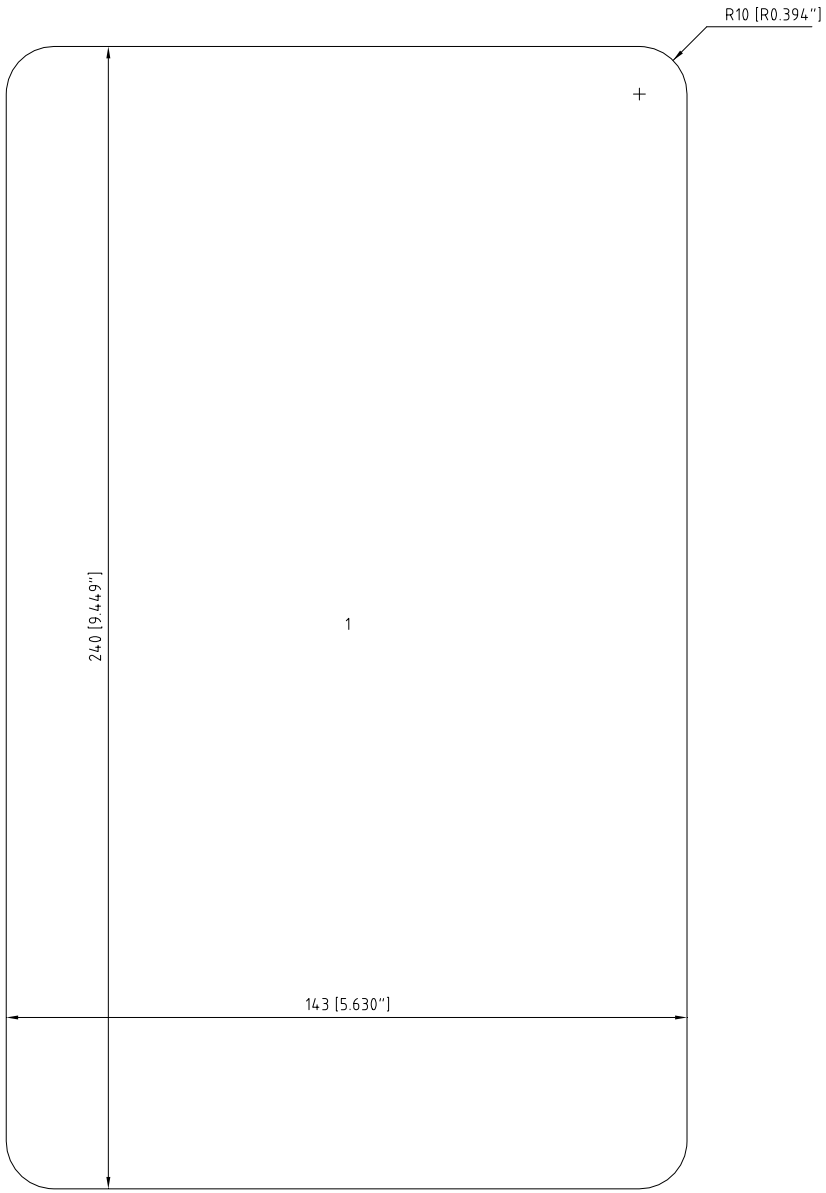
Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

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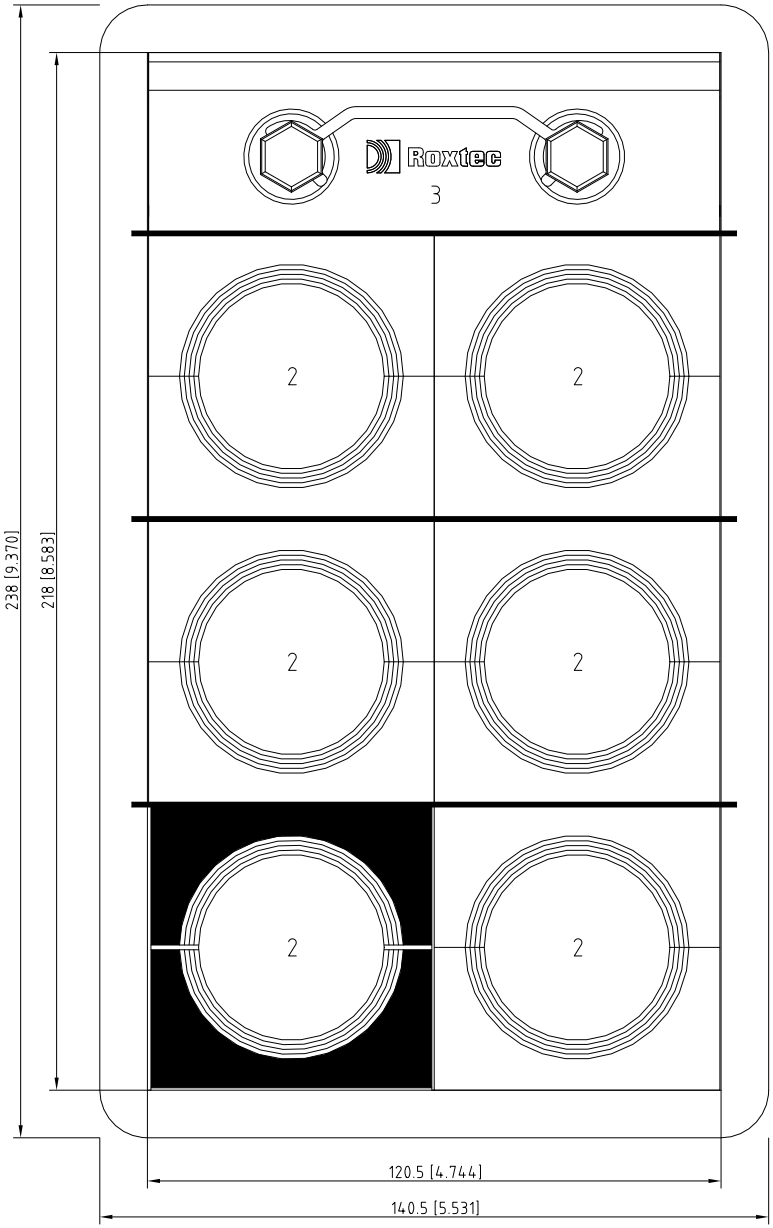
Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.5 [14.35]
Roxtec	Format: NTS		Transit name: E-MCT-U08	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
4	3	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
3	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
2	6	RM 60 EX 28-54 [1.102"-2.126"]	EXRM00100601000	0.3 [0.73]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	6.5 [14.35]
Roxtec	Format NTS		Transit name E-MCT-U08	Sheet No 2/3
	Client		Drawing number	Rev

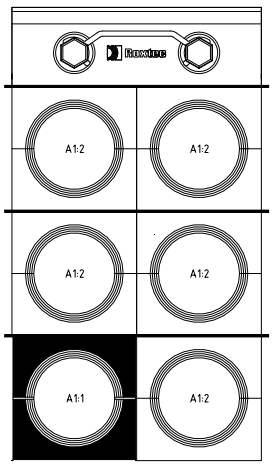
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A1

A1



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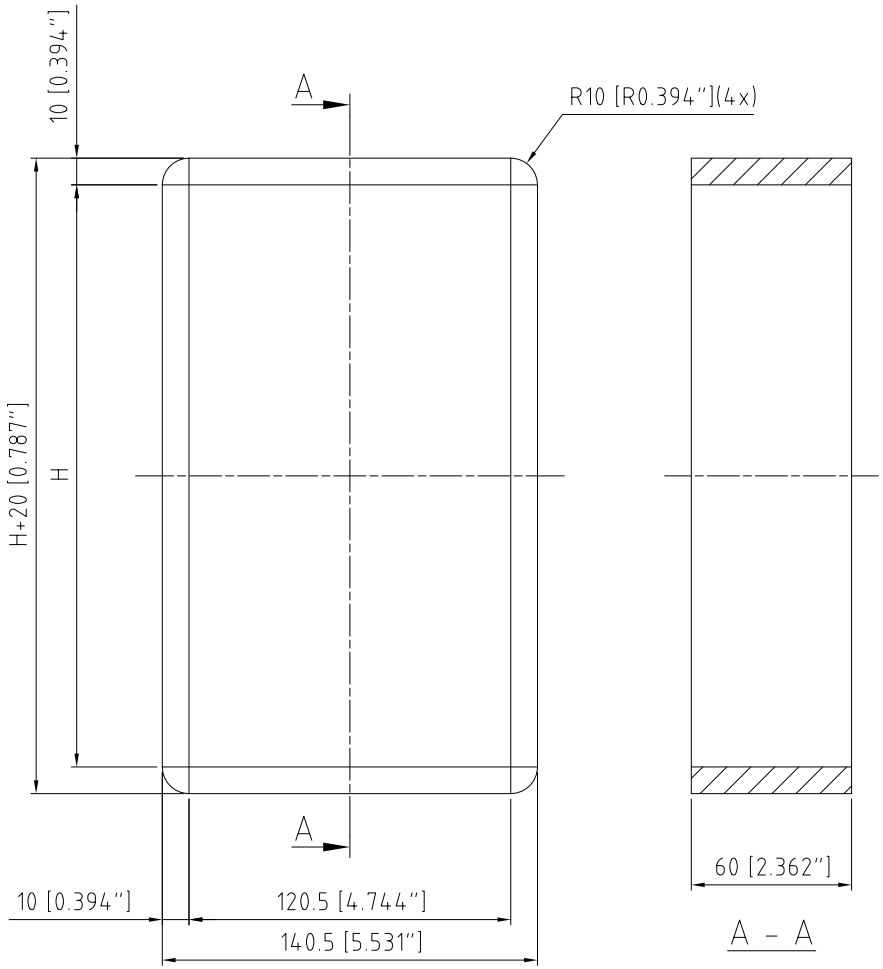
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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type
A1:2						RM 60 EX 28-54 [1.102"-2.126"]
A1:1	83017-CEL-2	Instrument Air Package	5G70	Power	39.5 [1.555"]	RM 60 EX 28-54 [1.102"-2.126"]

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 6.5 [14.35]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-U08		
	Client		Drawing number		Rev

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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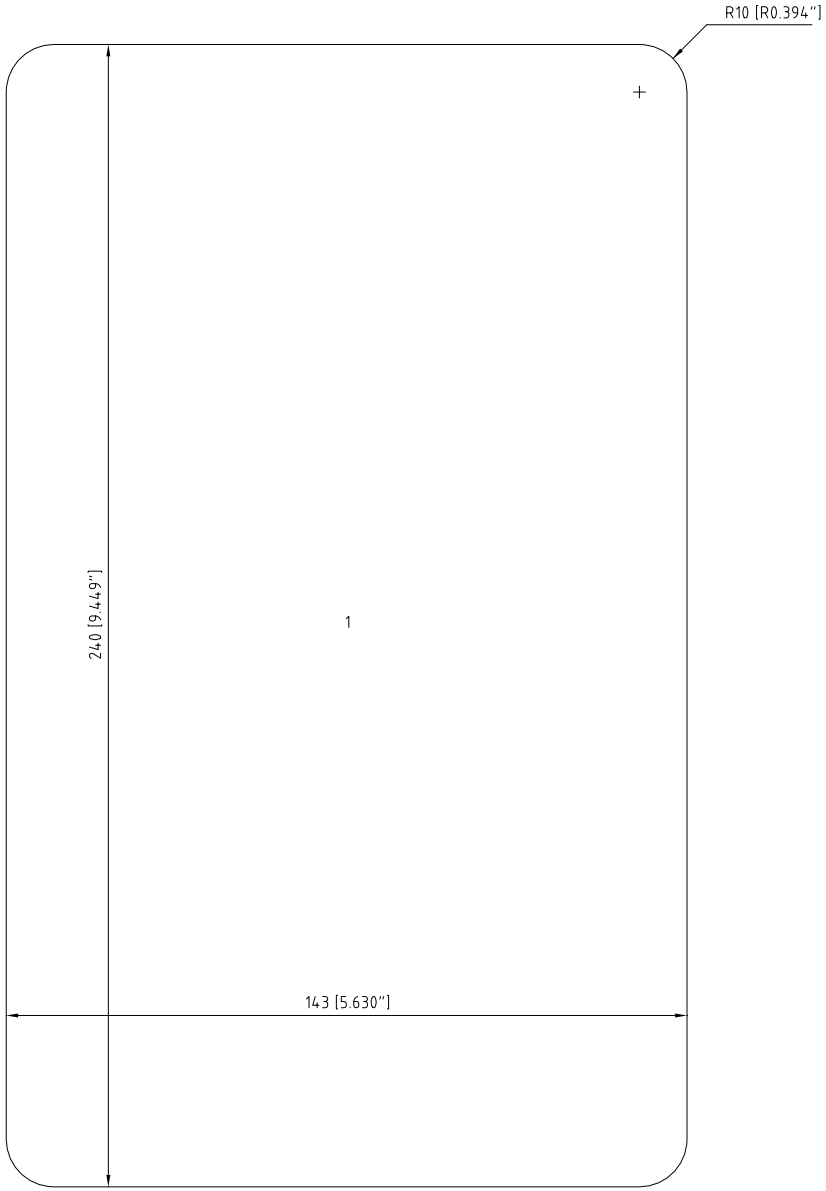
Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

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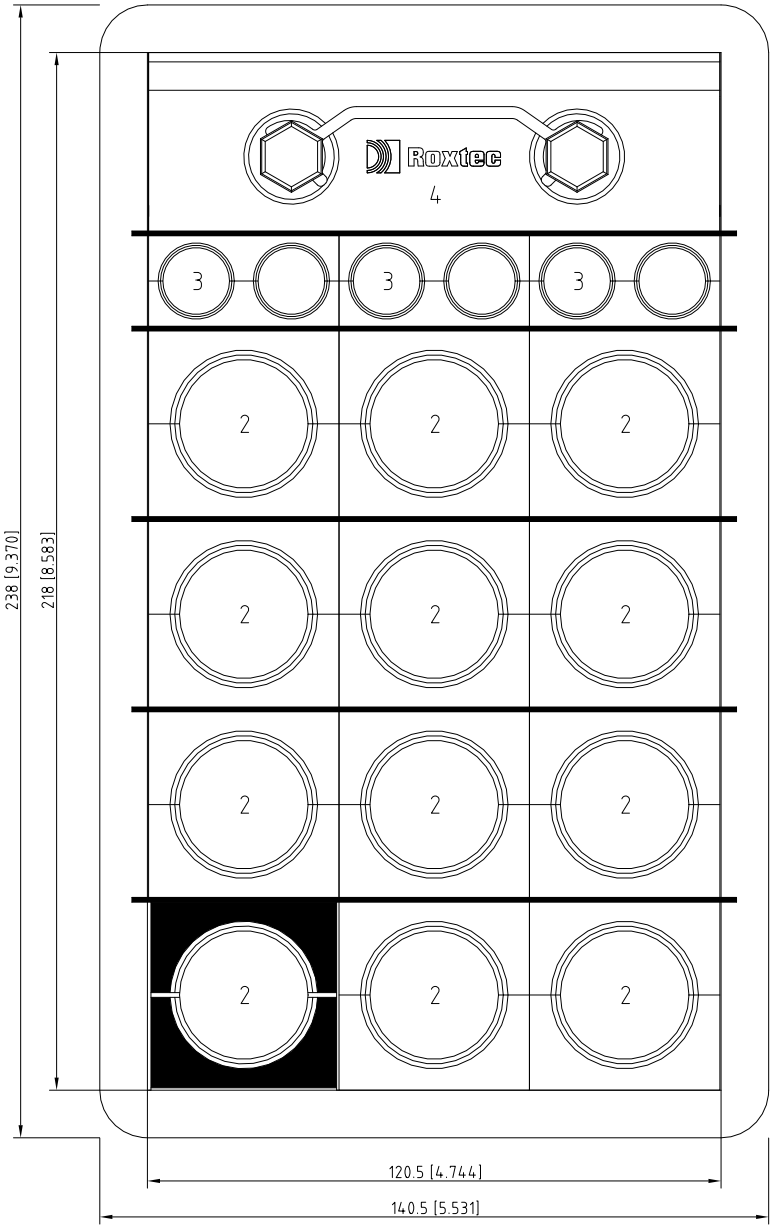


Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS	Location/ Sublocation	TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: E-MCT-U09		Sheet No: 1/3
Client			Drawing number		Rev

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	5	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
4	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
3	3	RM 20W40 EX 3.5-16.5 [0.138"-0.650"]	EXRM00120401000	0.1 [0.15]
2	12	RM 40 EX 21.5-34.5 [0.846"-1.358"]	EXRM00100401000	0.1 [0.31]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: E-MCT-U09	Sheet No: 2/3
	Client		Drawing number	Rev

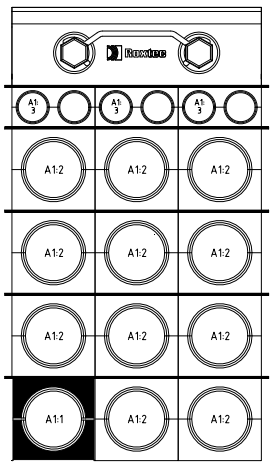
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A1

A1



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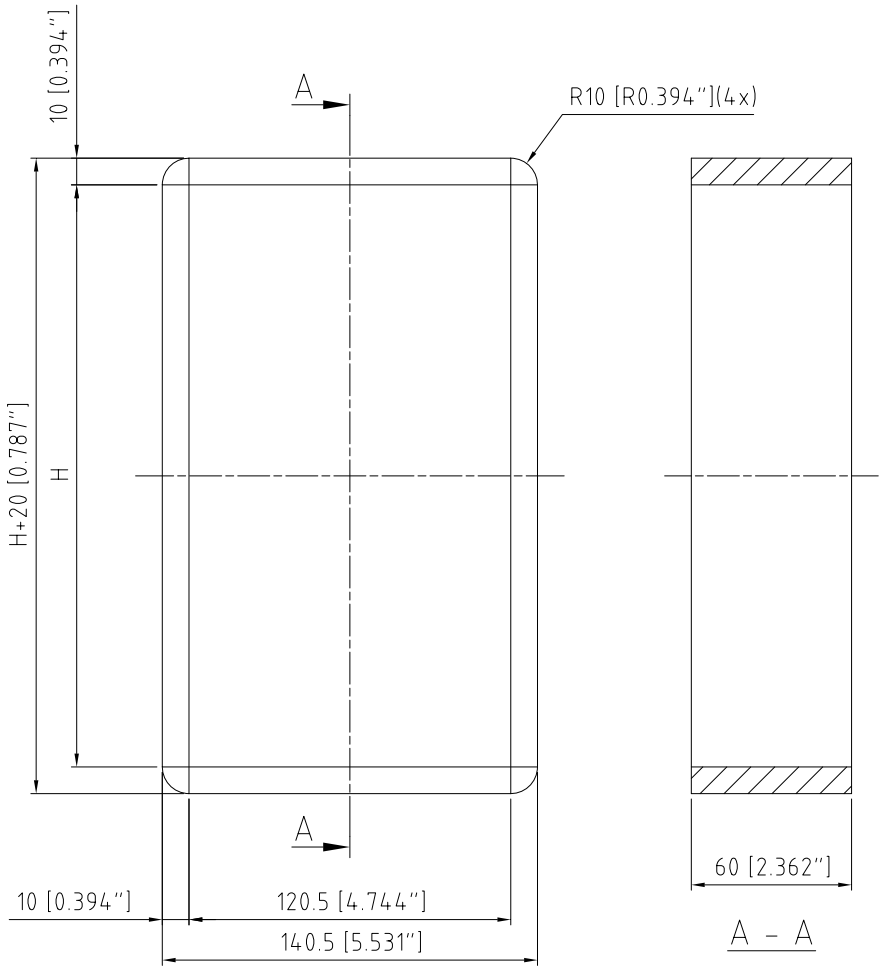
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A1:3						RM 20W40 EX 3.5-16.5 [0.138"-0.650"]
A1:2						RM 40 EX 21.5-34.5 [0.846"-1.358"]
A1:1	83020-CEL	Crane	5G16	Power	24 [0.945"]	RM 40 EX 21.5-34.5 [0.846"-1.358"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS		TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-U09		
	Client		Drawing number		Rev

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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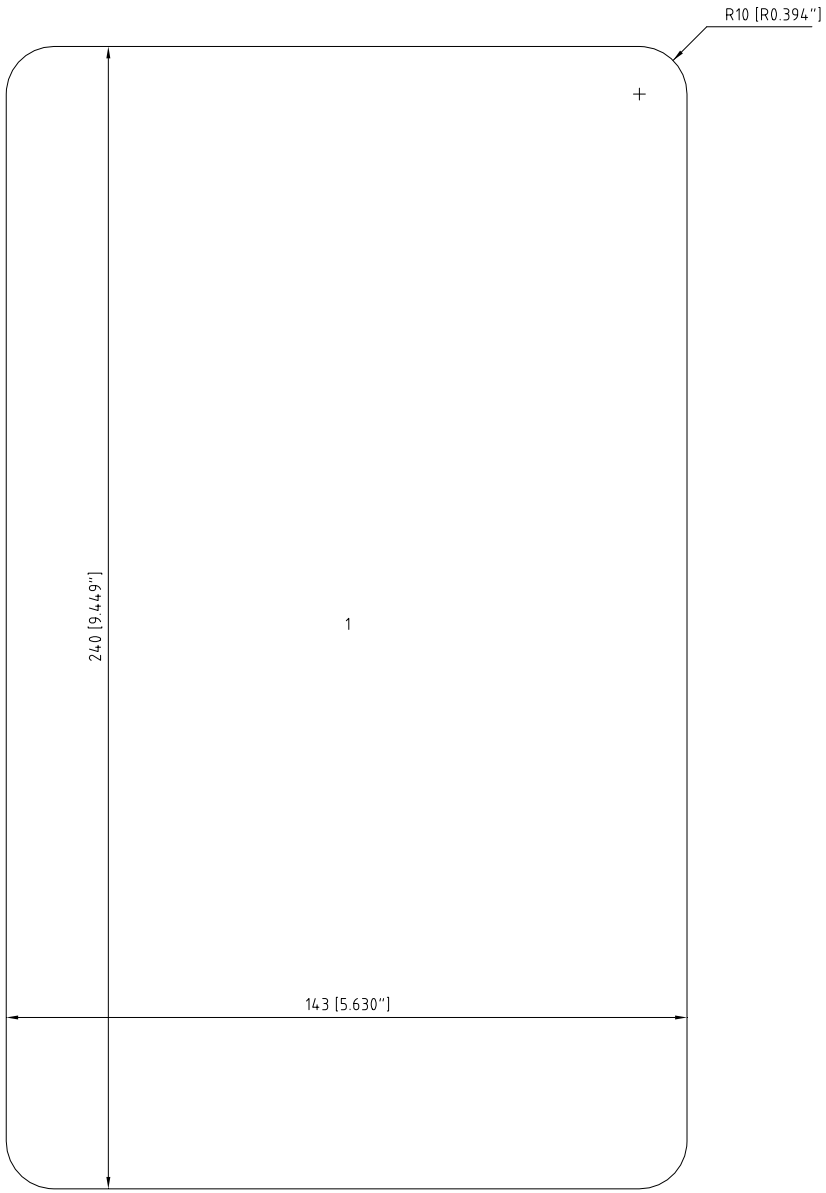
Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

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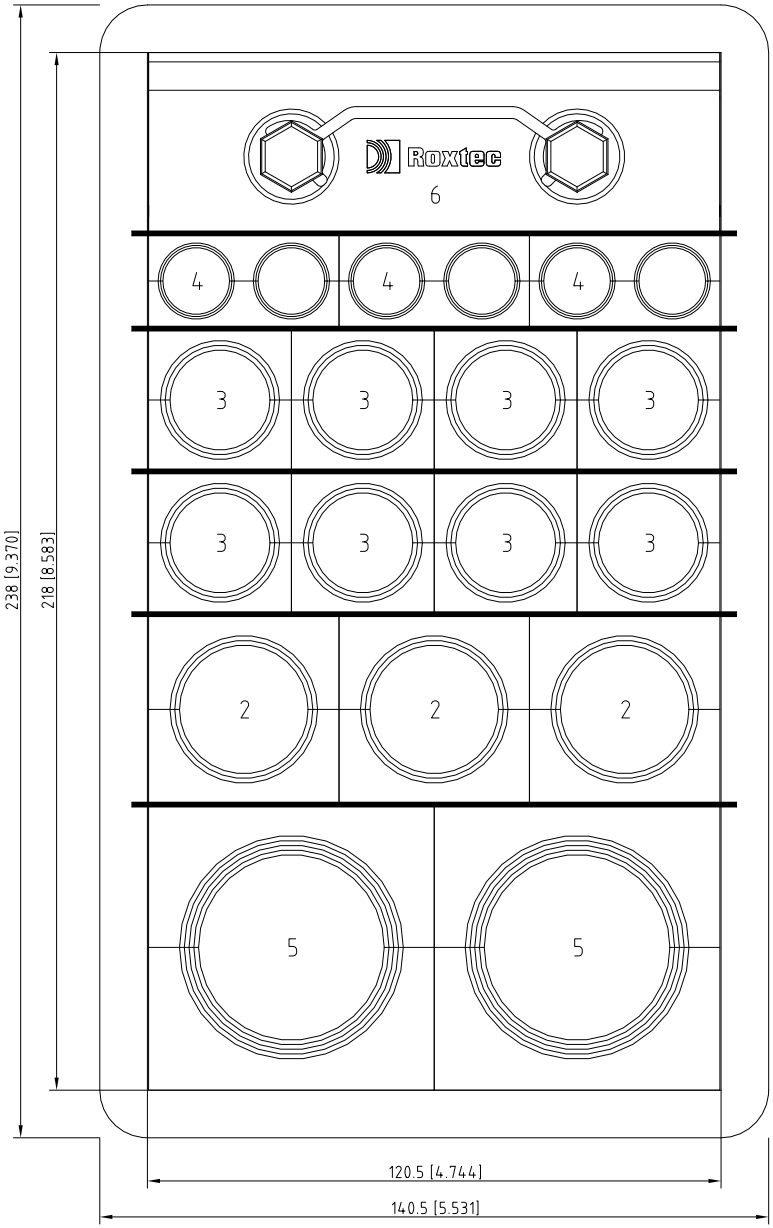
Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	6.7 [14.73]
Roxtec	Format NTS		Transit name E-MCT-U10-Spare	Sheet No 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
7	5	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
6	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
5	2	RM 60 EX 28-54 [1.102"-2.126"]	EXRM00100601000	0.3 [0.73]
4	3	RM 20W40 EX 3.5-16.5 [0.138"-0.650"]	EXRM00120401000	0.1 [0.15]
3	8	RM 30 EX 10-25 [0.394"-0.984"]	EXRM00100301000	0.1 [0.18]
2	3	RM 40 EX 21.5-34.5 [0.846"-1.358"]	EXRM00100401000	0.1 [0.31]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.7 [14.73]
Roxtec	Format: NTS		Transit name: E-MCT-U10-Spare	Sheet No: 2/3
	Client		Drawing number	Rev

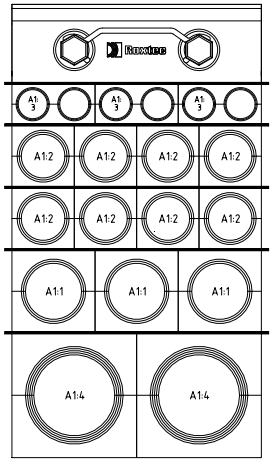
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A1

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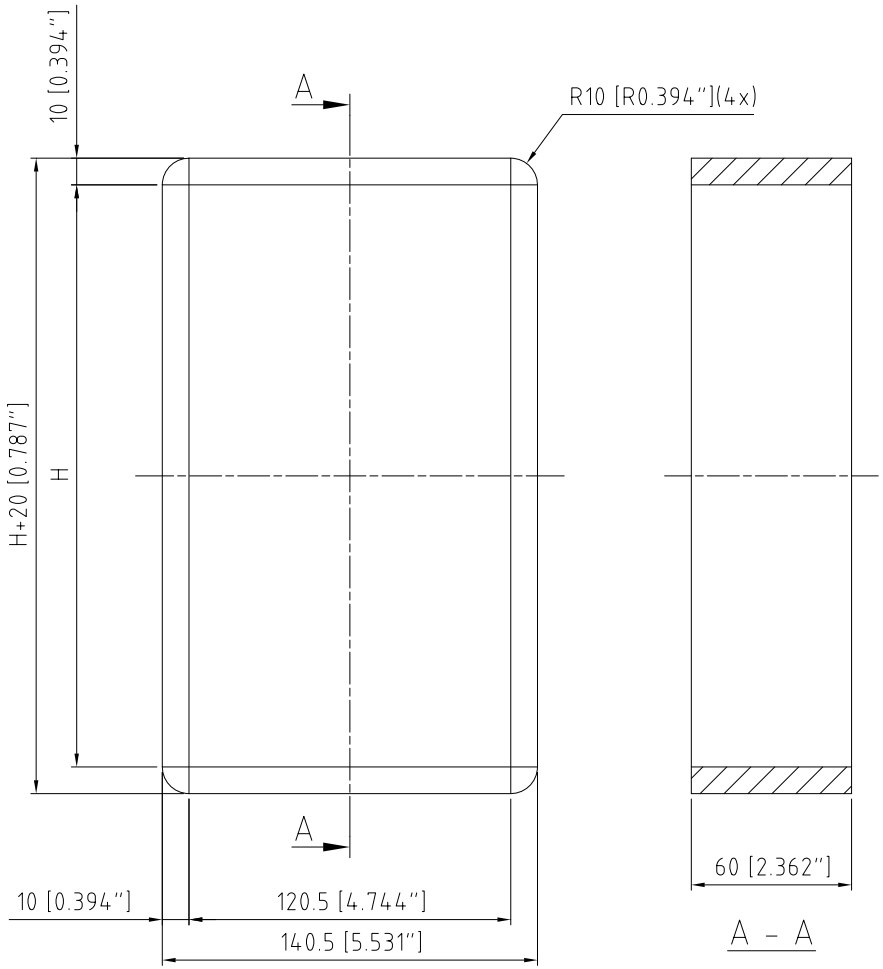
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A1:4						RM 60 EX 28-54 [1.102"-2.126"]
A1:3						RM 20W40 EX 3.5-16.5 [0.138"-0.650"]
A1:2						RM 30 EX 10-25 [0.394"-0.984"]
A1:1						RM 40 EX 21.5-34.5 [0.846"-1.358"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 6.7 [14.73]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
	Client		Transit name: E-MCT-U10-Spare	Drawing number	Rev

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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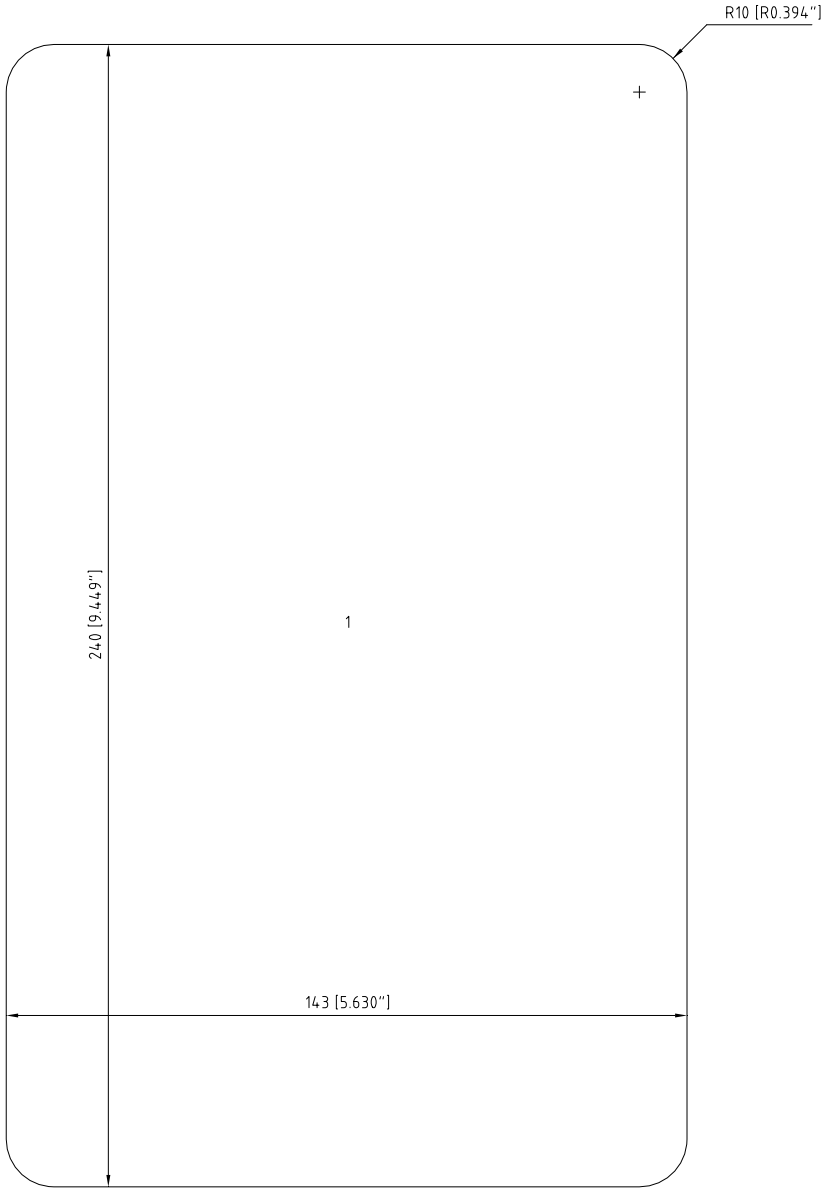
Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

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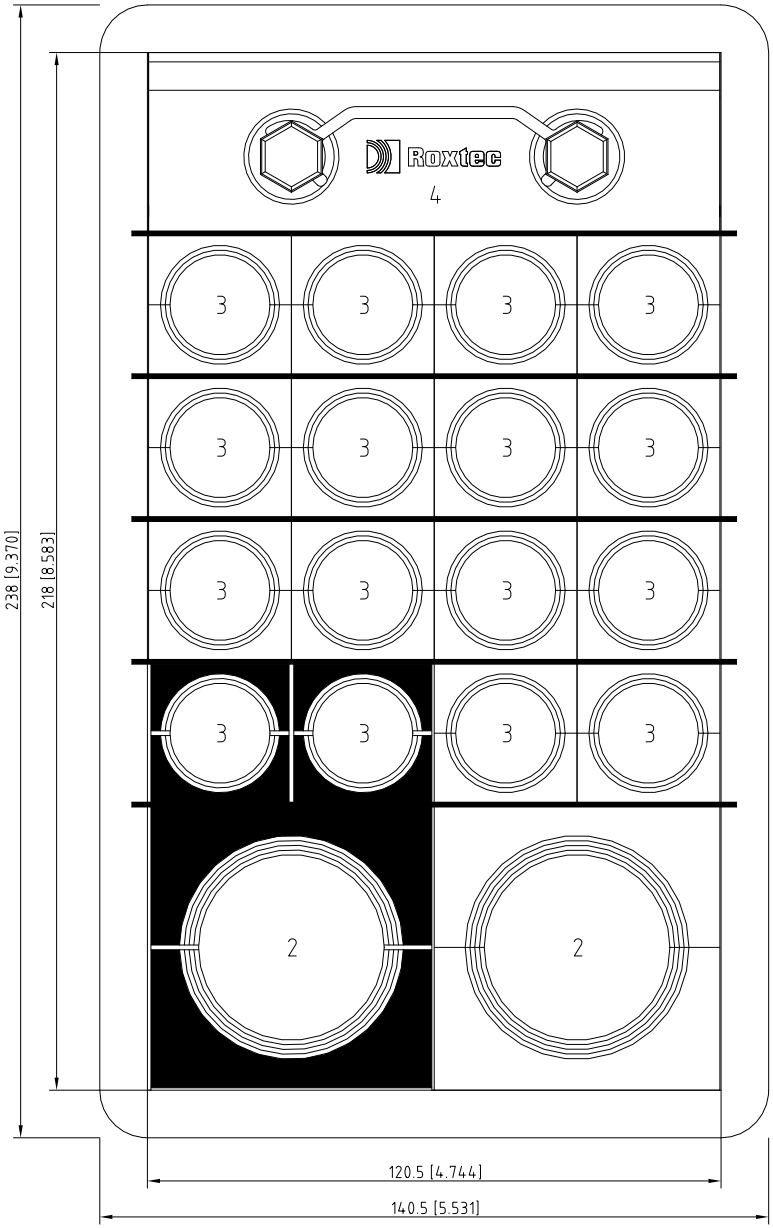


Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS	Location/ Sublocation	TotWeight: 6.7 [14.75]
Roxtec	Format: NTS		Transit name: E-MCT-U11		Sheet No: 1/3
Client			Drawing number		Rev

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	5	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
4	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
3	16	RM 30 EX 10-25 [0.394"-0.984"]	EXRM00100301000	0.1 [0.18]
2	2	RM 60 EX 28-54 [1.102"-2.126"]	EXRM00100601000	0.3 [0.73]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.7 [14.75]
Roxtec	Format: NTS		Transit name: E-MCT-U11	Sheet No: 2/3
	Client		Drawing number	Rev

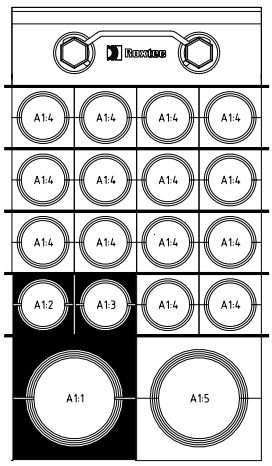
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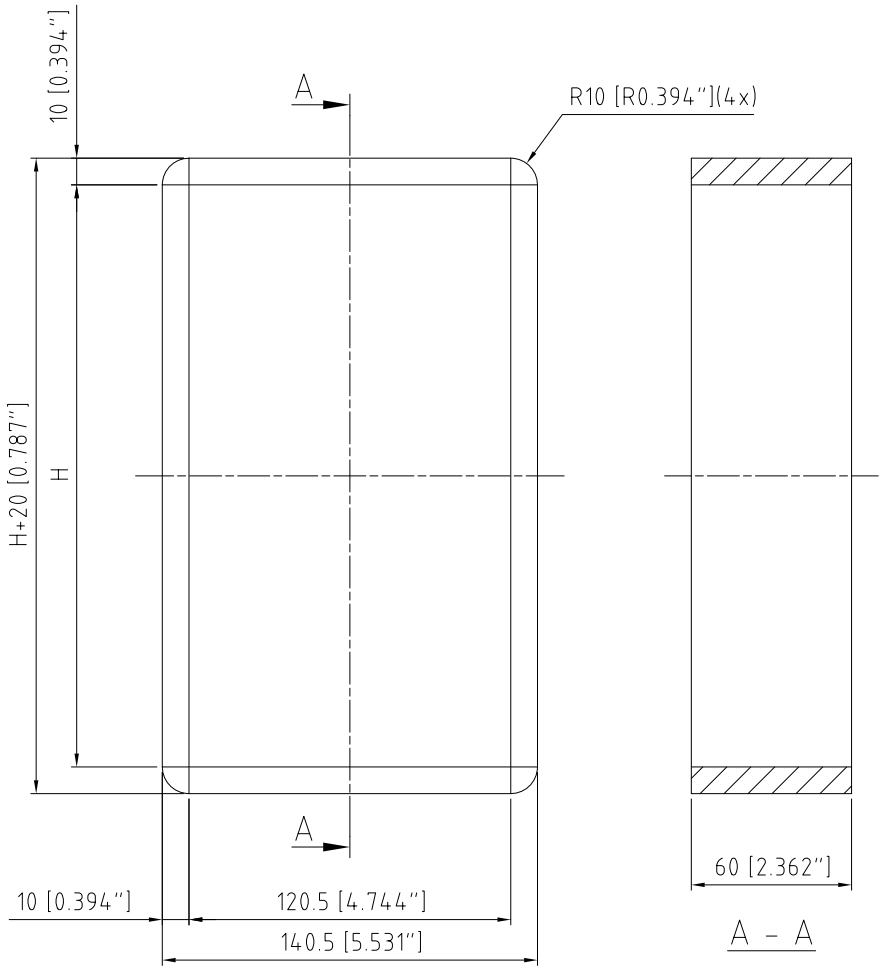
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A1:5						RM 60 EX 28-54 [1.102"-2.126"]
A1:4						RM 30 EX 10-25 [0.394"-0.984"]
A1:3	P-ETB-200N1-18-L2-01	KO Drum V-43001 Heat tracing	3G6	Power	15.6 [0.614"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:2	P-ETB-200N1-17-L1-01	Pipe line WW-259 Heat tracing	3G6	Power	15.6 [0.614"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:1	83021-CEL-03	Welding Sockets (Top Deck) JB's	5G50	Power	35 [1.378"]	RM 60 EX 28-54 [1.102"-2.126"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 6.7 [14.75]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-U11		
	Client		Drawing number		Rev

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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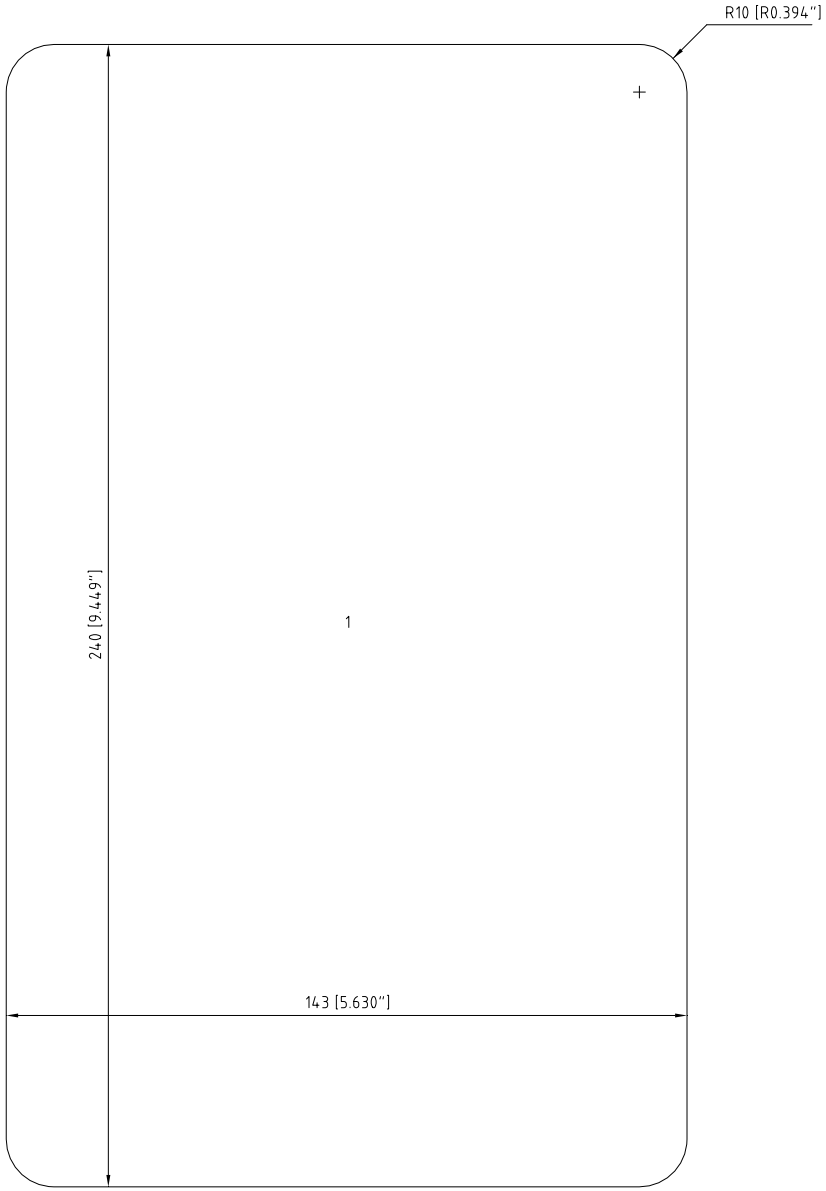
Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

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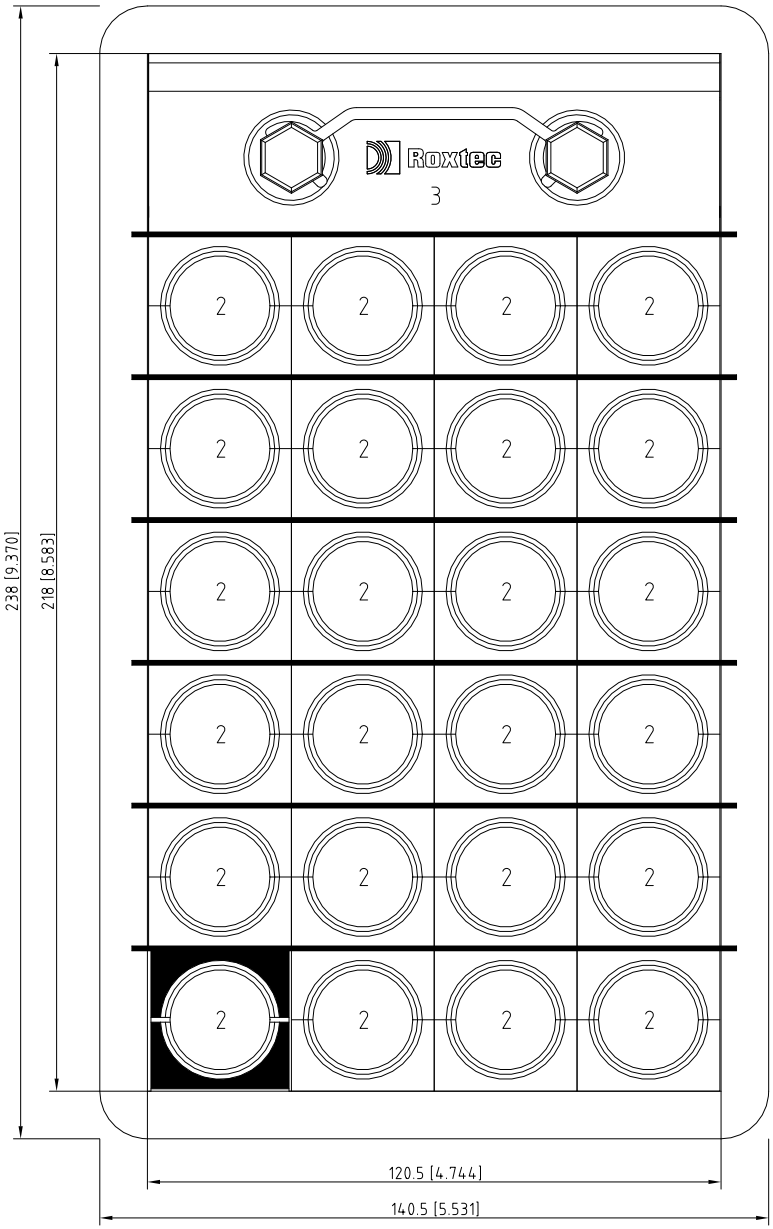


Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS	Location/ Sublocation	TotWeight: 6.8 [14.95]
Roxtec	Format: NTS		Transit name: E-MCT-U12		Sheet No: 1/3
Client			Drawing number		Rev

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
4	6	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
3	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
2	24	RM 30 EX 10-25 [0.394"-0.984"]	EXRM00100301000	0.1 [0.18]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.8 [14.95]
Roxtec	Format: NTS		Transit name: E-MCT-U12	Sheet No: 2/3
	Client		Drawing number	Rev

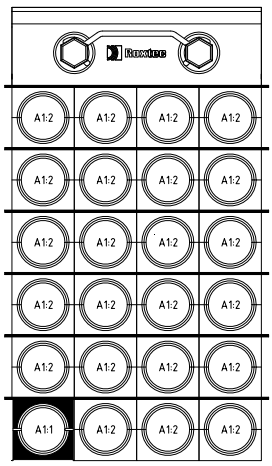
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A1

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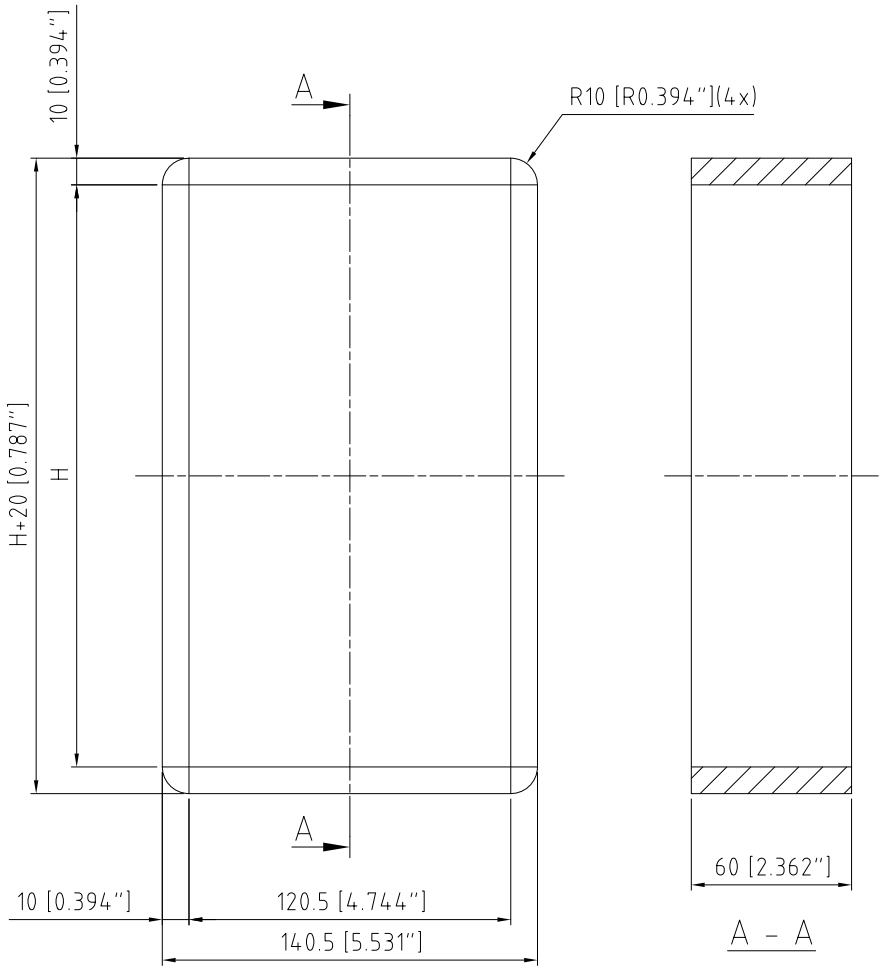
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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type
A1:2						RM 30 EX 10-25 [0.394"-0.984"]
A1:1	P-EJB-200N1-05-L1-02	Small Power Socket JB(Upper Deck)	3G10	Power	17.7 [0.697"]	RM 30 EX 10-25 [0.394"-0.984"]

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS		TotWeight: 6.8 [14.95]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-U12		
	Client		Drawing number		Rev

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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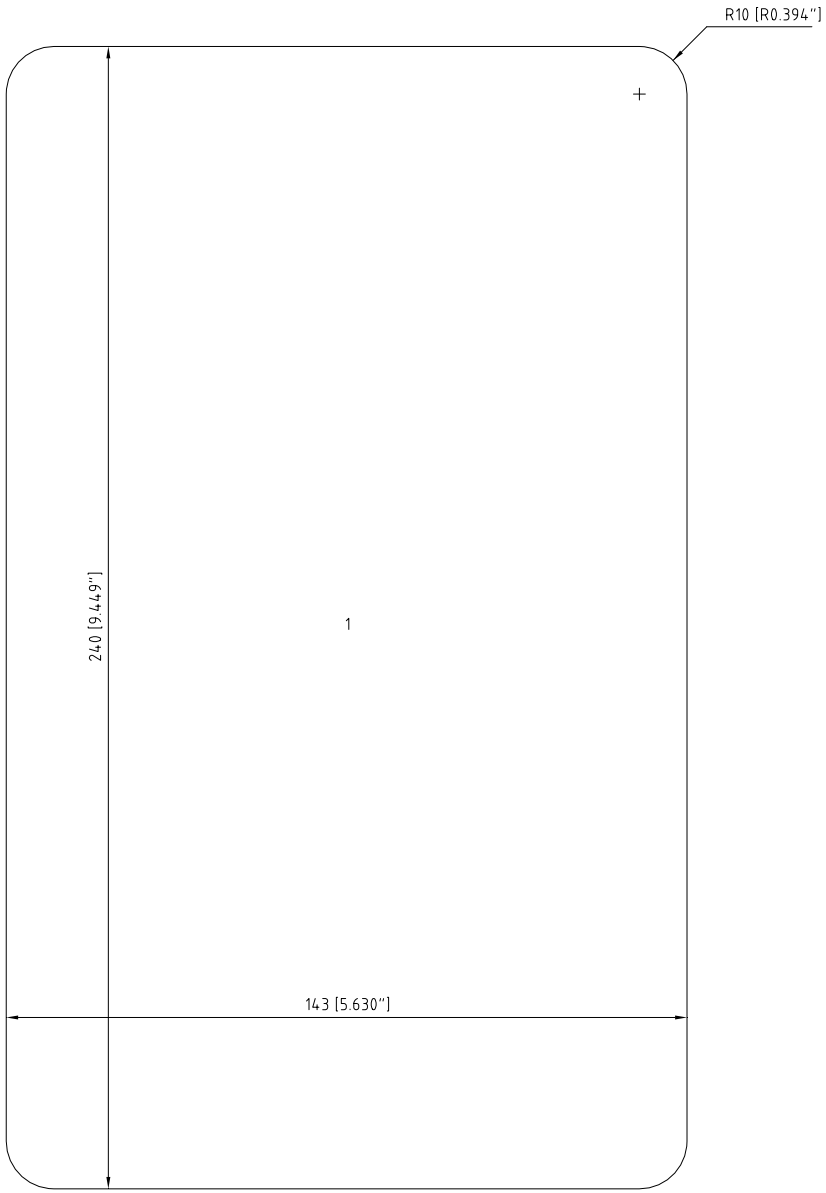
Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

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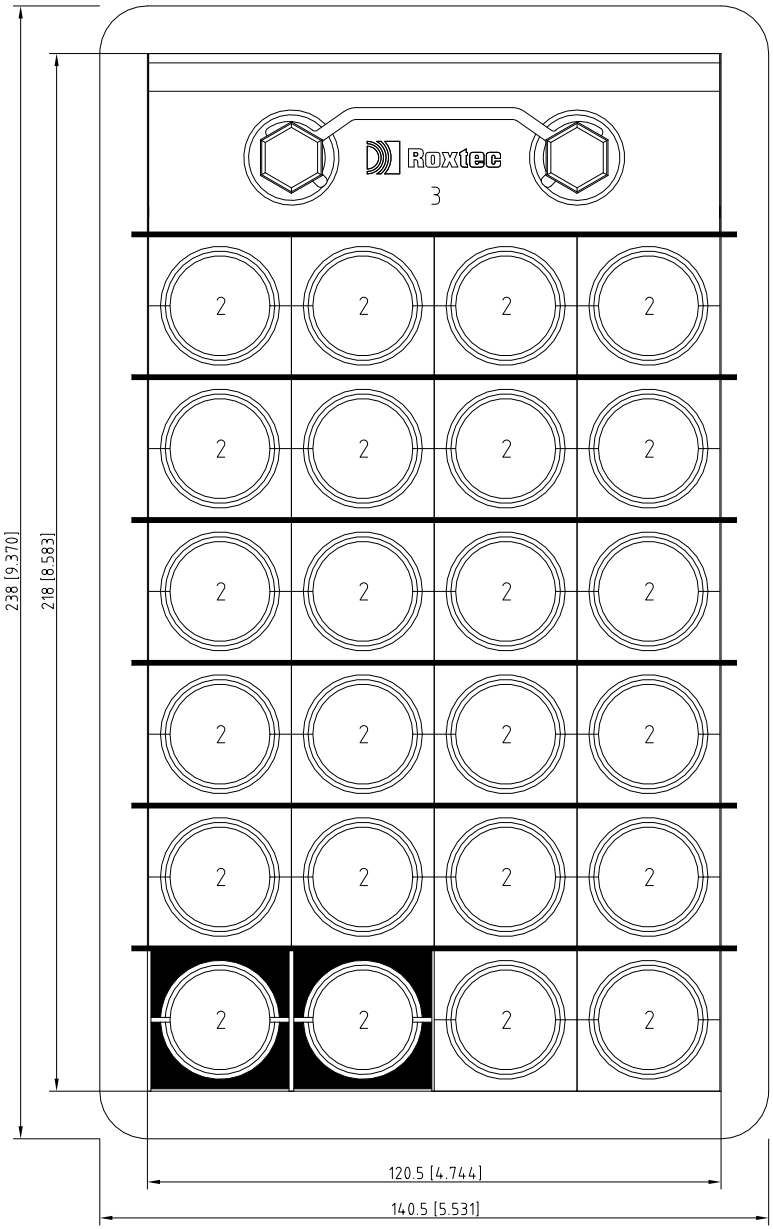
Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.8 [14.95]
Roxtec	Format: NTS		Transit name: E-MCT-U13	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
4	6	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
3	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
2	24	RM 30 EX 10-25 [0.394"-0.984"]	EXRM00100301000	0.1 [0.18]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS Location/ Sublocation		TotWeight: 6.8 [14.95]
Roxtec	Format: NTS		Transit name: E-MCT-U13		Sheet No: 2/3
	Client		Drawing number		Rev

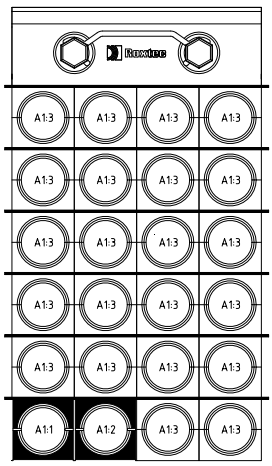
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A1

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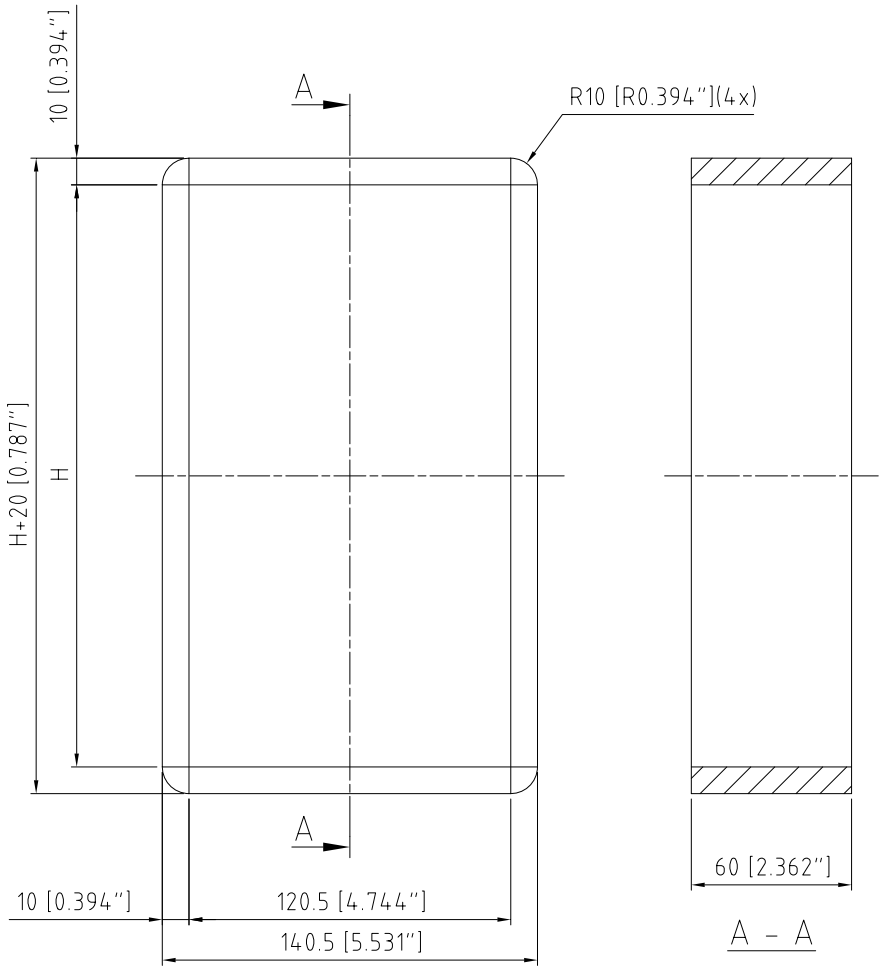
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A1:3						RM 30 EX 10-25 [0.394"-0.984"]
A1:2	P-EJB-200N1-05-L1-02	Small Power Socket JB(Upper Deck)	3G10	Power	17.7 [0.697"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:1	P-EJB-200N1-05-L1-01	Small Power Socket JB(Upper Deck)	3G10	Power	17.7 [0.697"]	RM 30 EX 10-25 [0.394"-0.984"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS		TotWeight: 6.8 [14.95]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
	Client		Transit name: E-MCT-U13	Drawing number	Rev

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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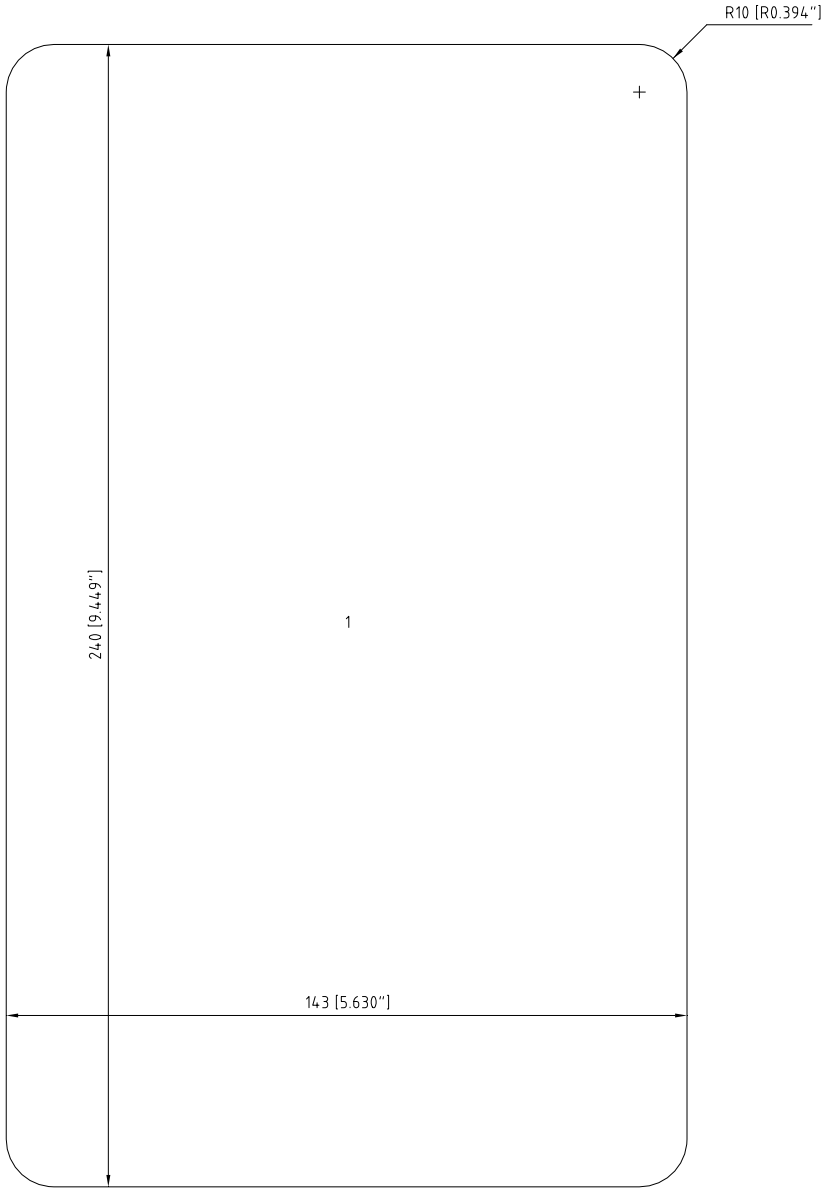
Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

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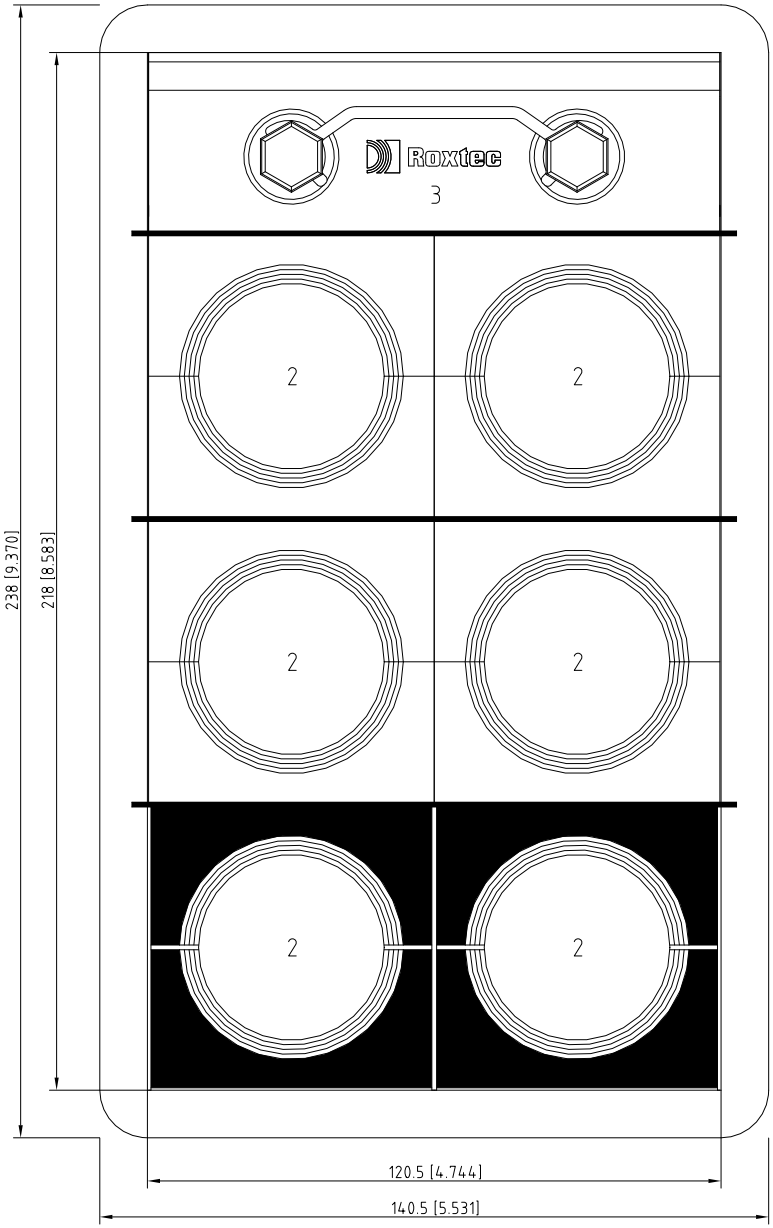
Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.5 [14.35]
Roxtec	Format: NTS		Transit name: E-MCT-U14	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
4	3	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
3	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
2	6	RM 60 EX 28-54 [1.102"-2.126"]	EXRM00100601000	0.3 [0.73]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.5 [14.35]
Roxtec	Format: NTS		Transit name: E-MCT-U14	Sheet No: 2/3
	Client		Drawing number	Rev

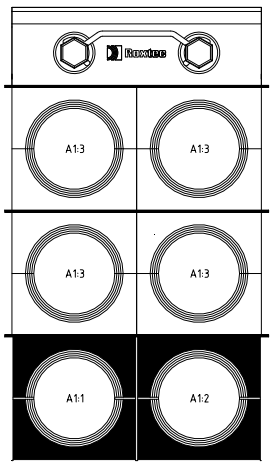
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A1

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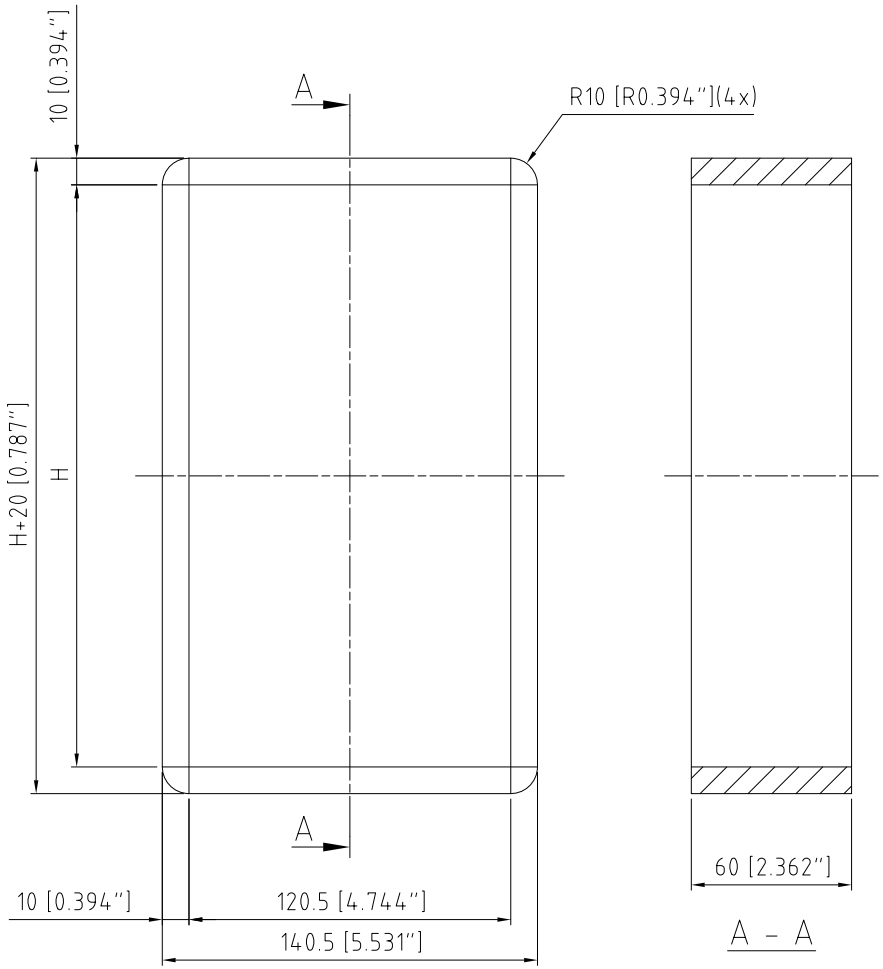
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A1:3						RM 60 EX 28-54 [1.102"-2.126"]
A1:2	83021-CEL-03	Welding Sockets (Top Deck) JB's	5G50	Power	35 [1.378"]	RM 60 EX 28-54 [1.102"-2.126"]
A1:1	83021-CEL	Welding Sockets (Top Deck) JB's	5G50	Power	35 [1.378"]	RM 60 EX 28-54 [1.102"-2.126"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 6.5 [14.35]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: E-MCT-U14		
	Client		Drawing number		Rev

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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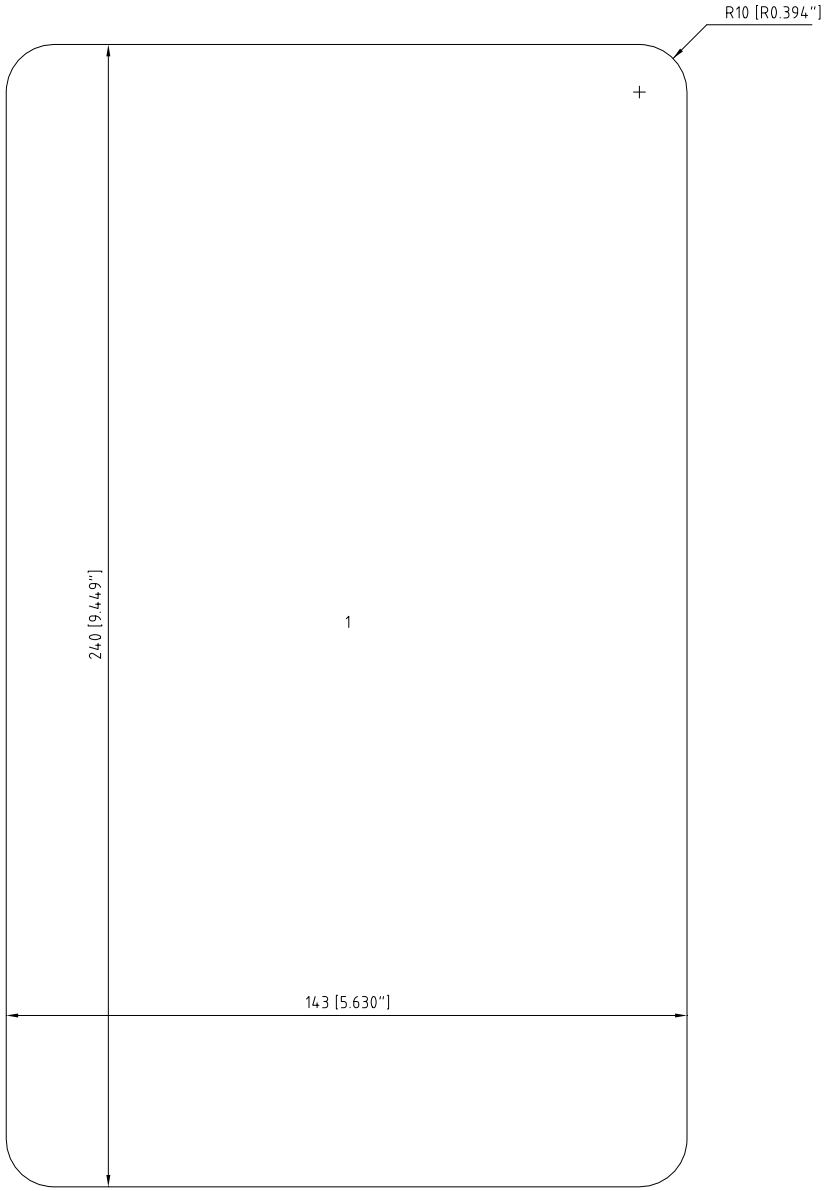
Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

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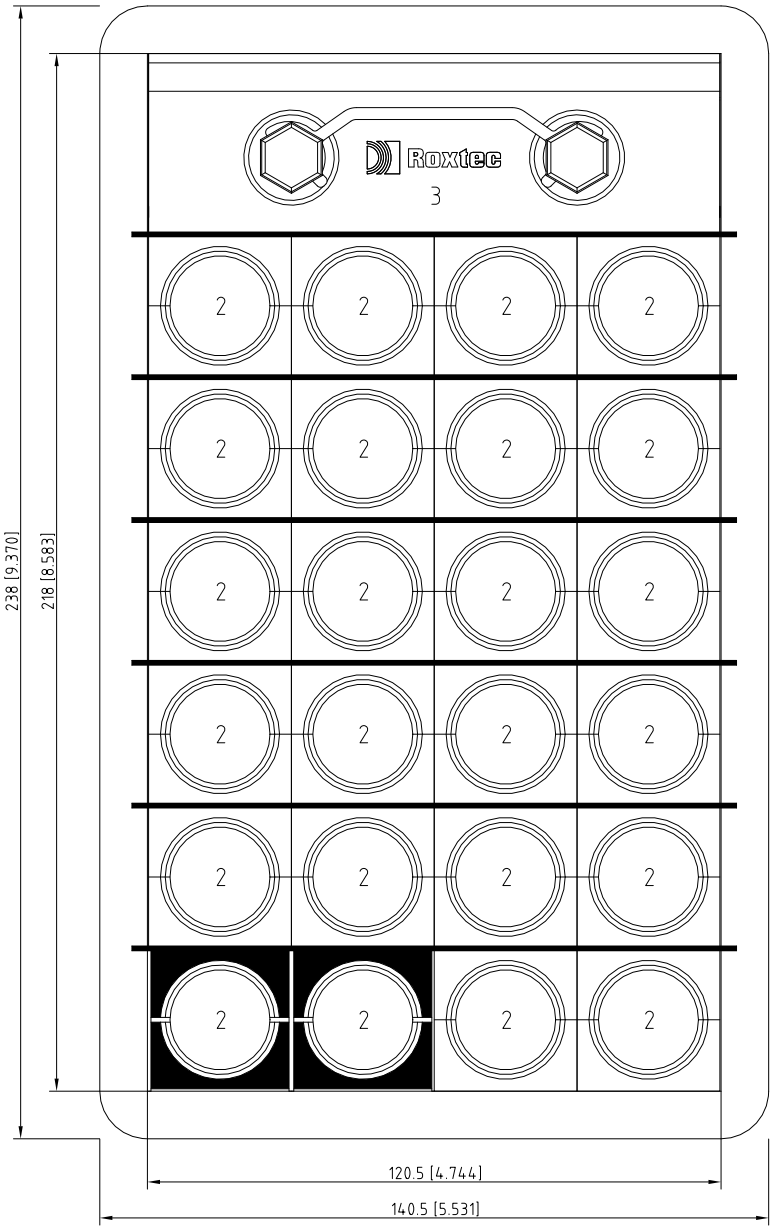
Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.8 [14.95]
Roxtec	Format: NTS		Transit name: E-MCT-U15	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
4	6	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
3	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
2	24	RM 30 EX 10-25 [0.394"-0.984"]	EXRM00100301000	0.1 [0.18]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.8 [14.95]
Roxtec	Format: NTS		Transit name: E-MCT-U15	Sheet No: 2/3
	Client		Drawing number	Rev

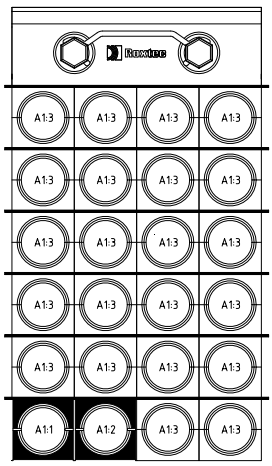
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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type
A1:3						RM 30 EX 10-25 [0.394"-0.984"]
A1:2	P-ETB-200N1-19-L3-01	Vent Q-43004 Heat tracing	3G6	Power	15.6 [0.614"]	RM 30 EX 10-25 [0.394"-0.984"]
A1:1	P-ETB-200N1-17-L1-02	Pipe line WW-260 Heat tracing	3G6	Power	15.6 [0.614"]	RM 30 EX 10-25 [0.394"-0.984"]


MODULE WITH PIPE

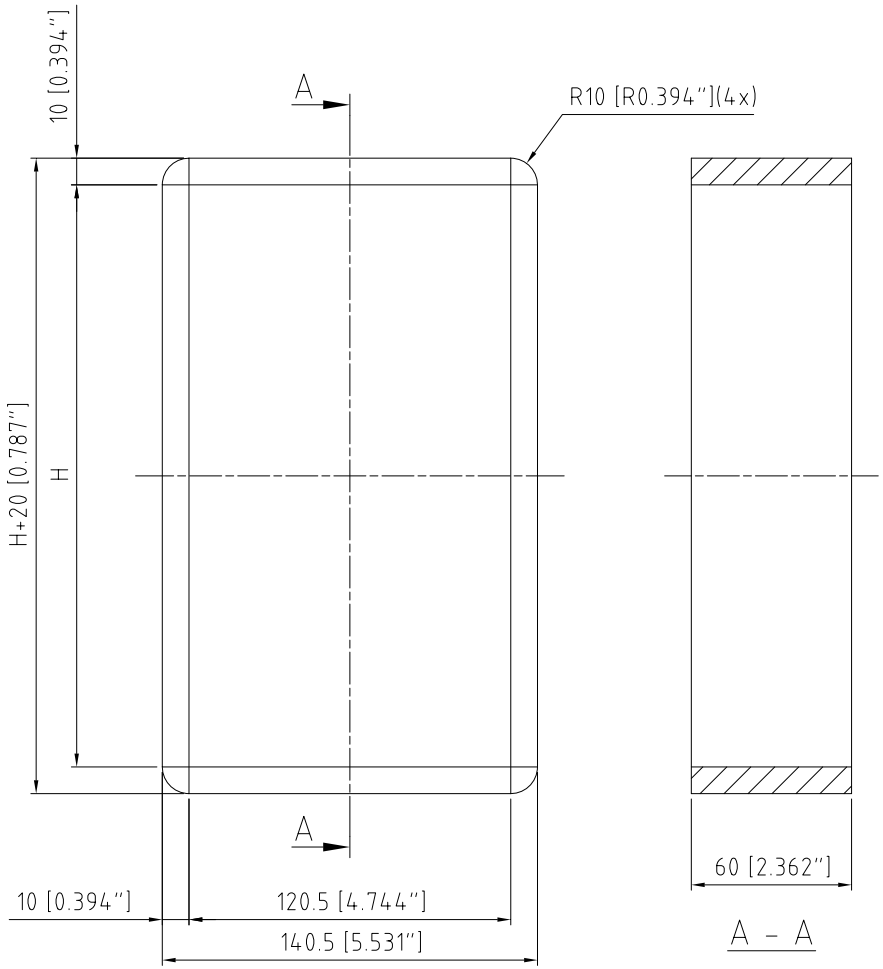

MODULE WITH CABLE


SPARE MODULE


SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-10	Project: BLPH - ROS	Location/ Sublocation:	TotWeight: 6.8 [14.95]
Roxtec	Format: NTS		Transit name: E-MCT-U15		Sheet No: 3/3
	Client:		Drawing number:		Rev:

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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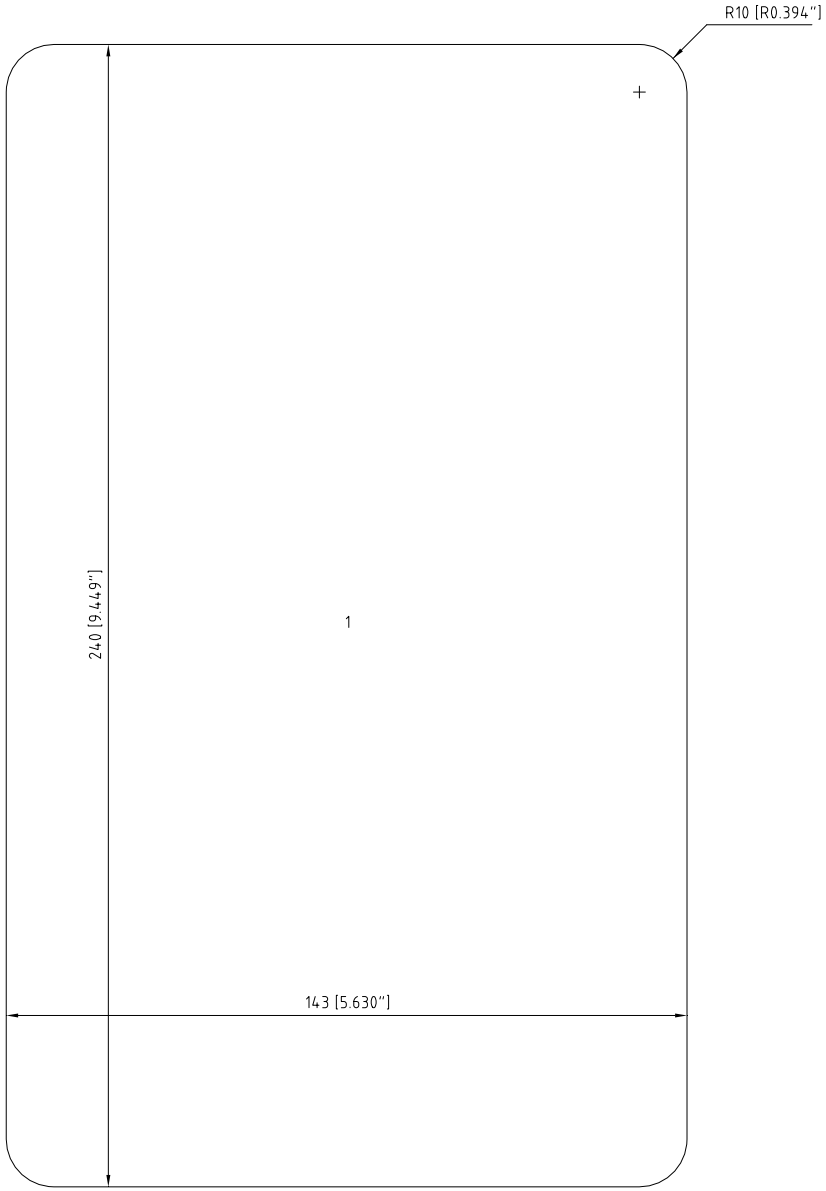
Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

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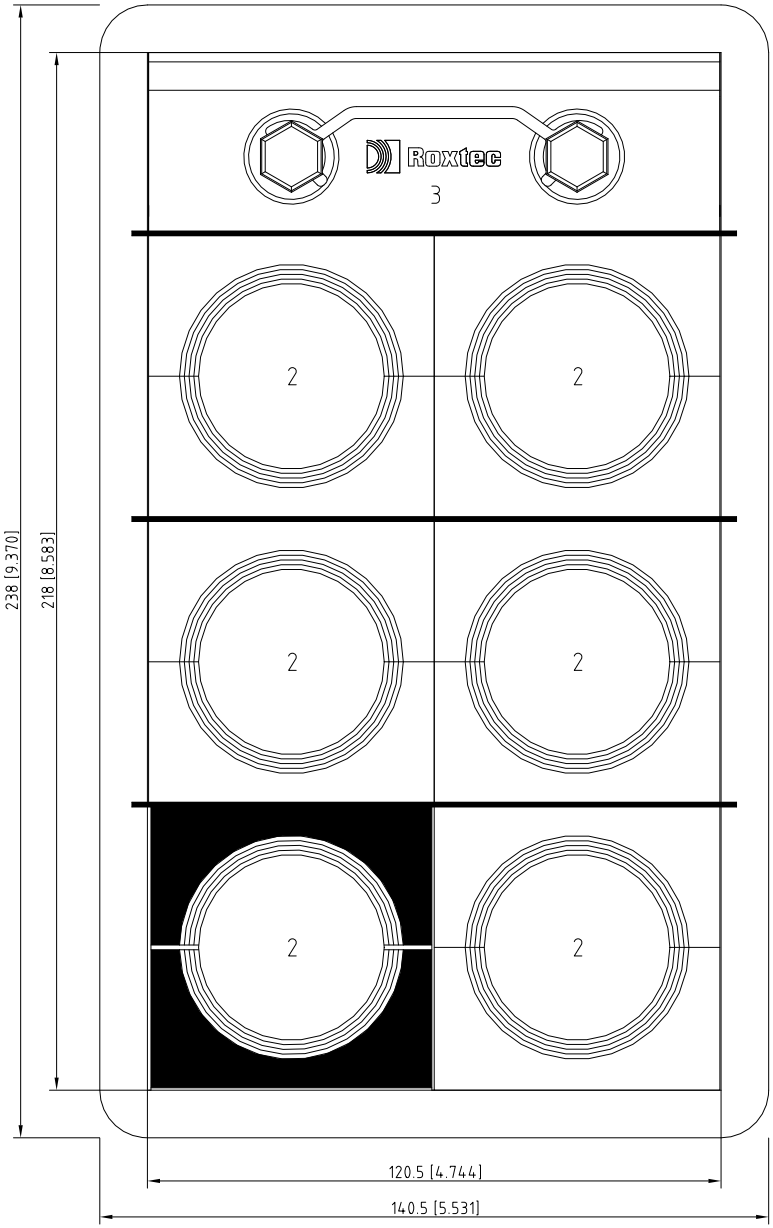
Cutout Detail

Frame: S 6x1 Ex PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS Location/ Sublocation	TotWeight: 6.5 [14.35]
Roxtec	Format: NTS		Transit name: E-MCT-U16	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 143x240 [5.630"x9.449"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
4	3	Stayplate 120 Ex galv	EXASP0001200018	0.1 [0.24]
3	1	Wedge 120 Ex galv	EXARW0001201018	0.8 [1.76]
2	6	RM 60 EX 28-54 [1.102"-2.126"]	EXRM00100601000	0.3 [0.73]
1	1	S 6x1 Ex PRIMED	EXS006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-17	BLPH - ROS Location/ Sublocation	6.5 [14.35]
Roxtec	Format NTS		Transit name E-MCT-U16	Sheet No 2/3
	Client		Drawing number	Rev

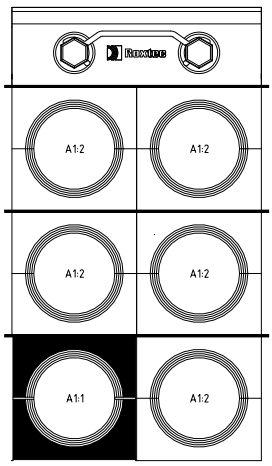
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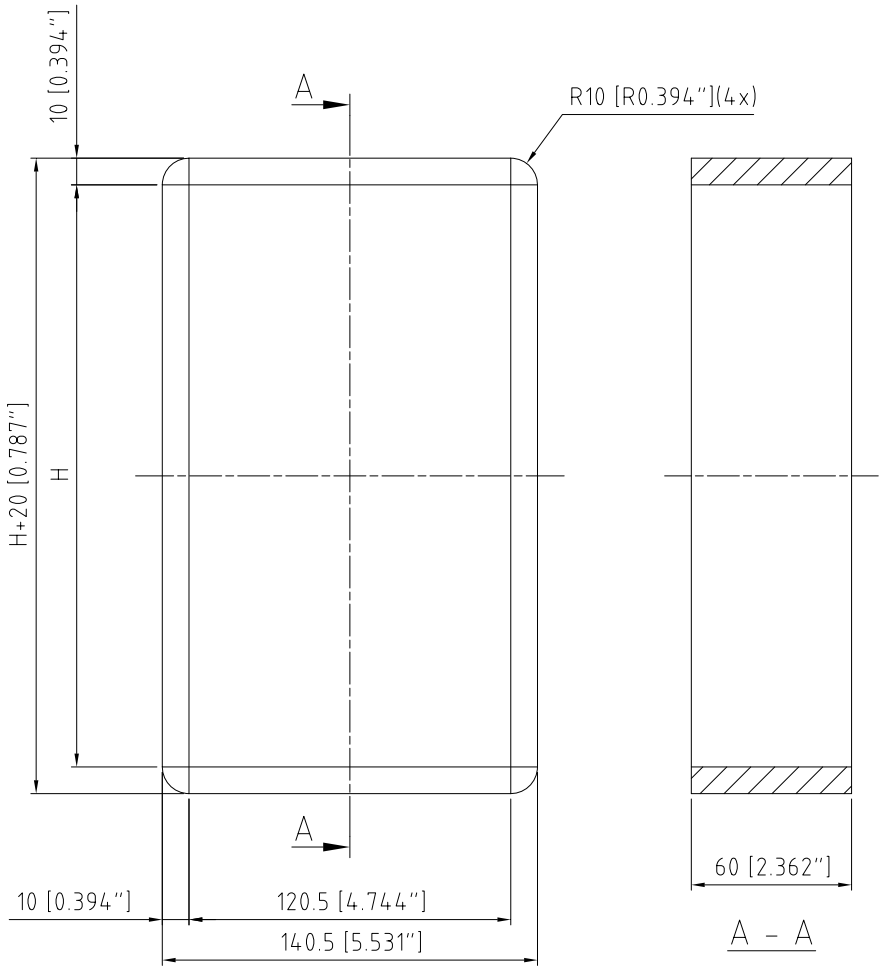
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A1:2						RM 60 EX 28-54 [1.102"-2.126"]
A1:1	83017-CEL-1	Instrument Air Package	5G70	Power	39.5 [1.555"]	RM 60 EX 28-54 [1.102"-2.126"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-17	Project: BLPH - ROS		TotWeight: 6.5 [14.35]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
	Client		Transit name: E-MCT-U16		
			Drawing number		Rev

MATERIAL AND SURFACE TREATMENT				
M	SS2132	S355J0	1.0553	-
2	PRIMED, BLACK ACC. TO S1005244			
L	SS 2348	X5CrNiMo17-12-2	1.4404	AISI 316L



TYPE	H (MM/")
S 2x1	101/3.976
S 4x1	159.5/6.280
S 6x1	218/8.583
S 8x1	278/10.945

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Item	Qty	Designation	Specification	NetWeight

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Designed by	AN KARLSSON
Date	2006-01-18
General tolerance ISO 2768-1	m
Welded details SS-EN 25 817, SS-EN 30 042	C
General surface roughness, Ra	-
TotWeight	-
Checked by	JE BOHLIN
Format	A3
Title	S FRAME EX SINGLE FRAME
Projection method	
Approved by	JE BOHLIN
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1008811
Rev	-

Rev	Type of revision	Date	Sign
-	-		

SG-100D1- 6.6kV SWITCHGEAR MCT

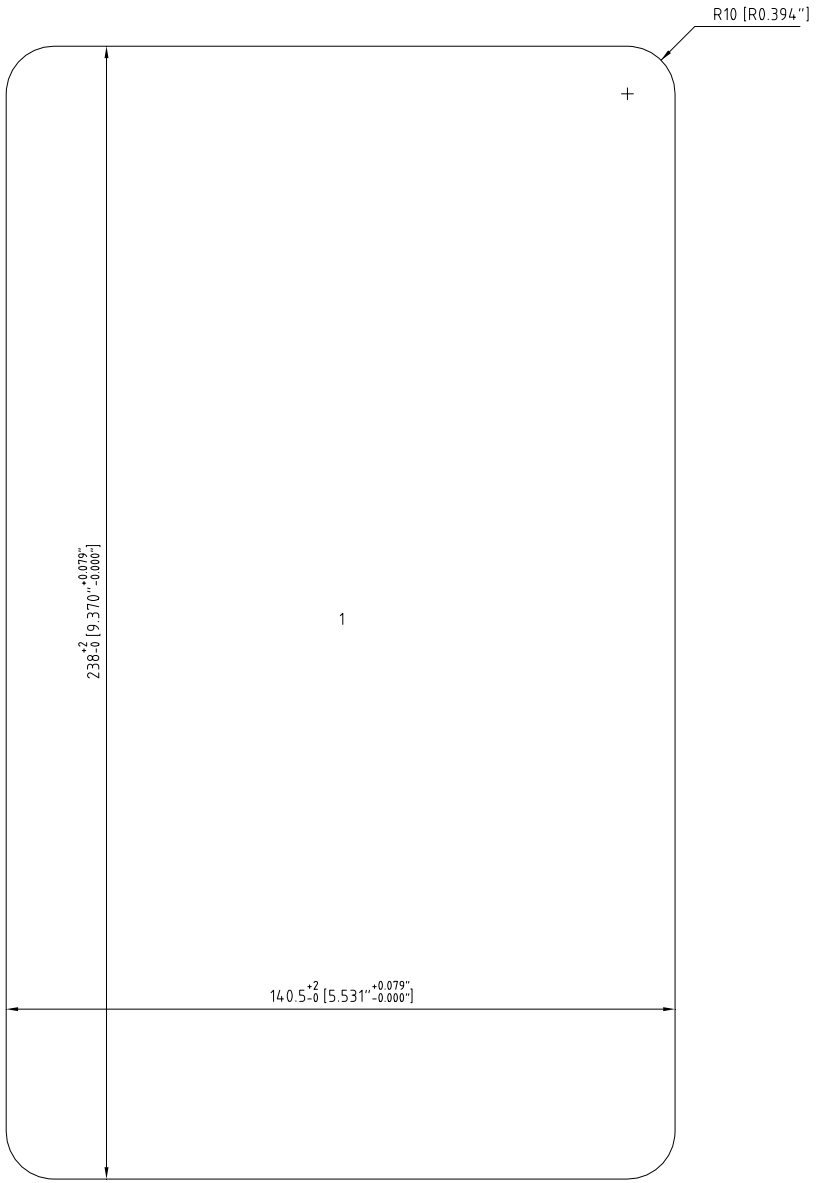
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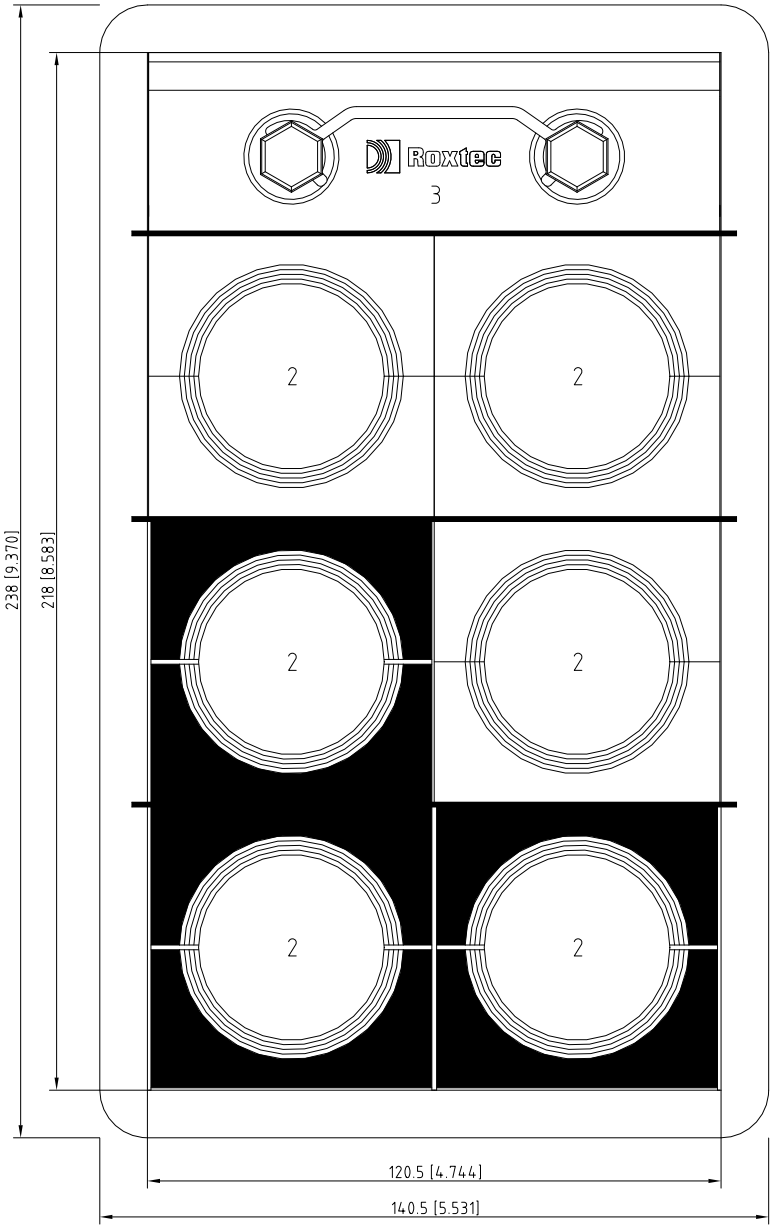
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation		TotWeight: 6.5 [14.35]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-A1		Sheet No: 1/3
	Client		Drawing number		Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
4	3	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
3	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
2	6	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-22	MV SWGR - ROS Location/ Sublocation	6.5 [14.35]
Roxtec	Format NTS		Transit name SG100D1-MCT-A1	Sheet No 2/3
	Client		Drawing number	Rev

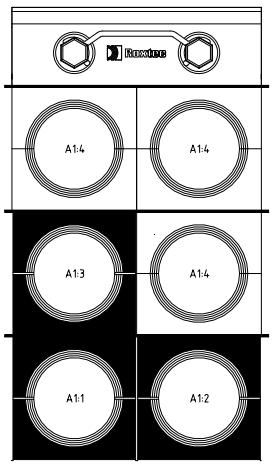
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A1

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Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

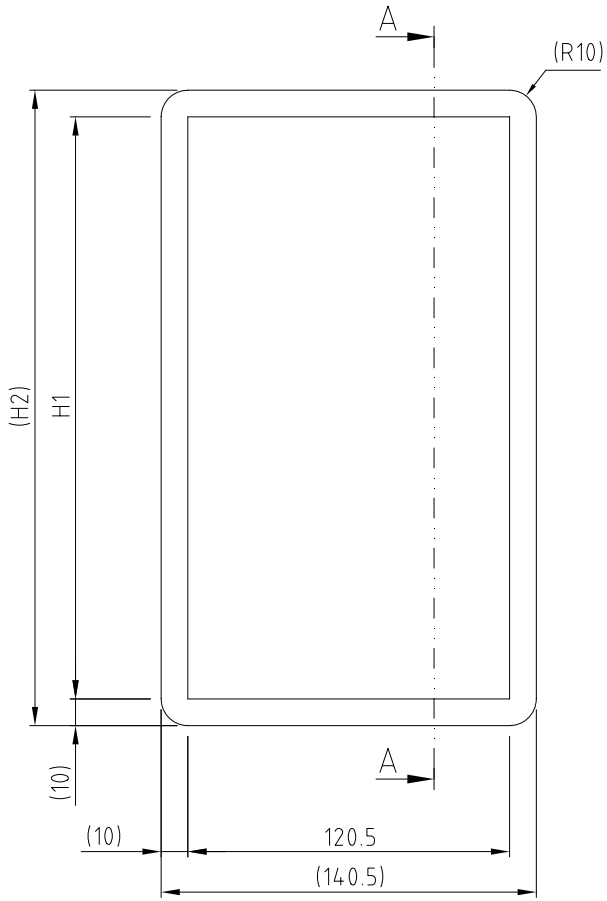
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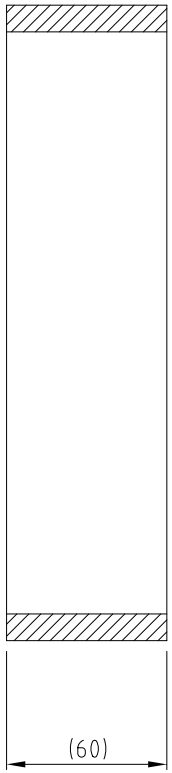
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[“])	Module Type
A1:4						RM 60 28-54 [1.102"-2.126"]
A1:3	82004-CEM-1-L3	6.6/0.4/0.4 KV, 3.15MVA Transformer	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A1:2	82004-CEM-1-L2	6.6/0.4/0.4 KV, 3.15MVA Transformer	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A1:1	82004-CEM-1-L1	6.6/0.4/0.4 KV, 3.15MVA Transformer	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation	TotWeight: 6.5 [14.35]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-A1	Sheet No: 3/3
	Client		Drawing number	Rev

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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Roxtec

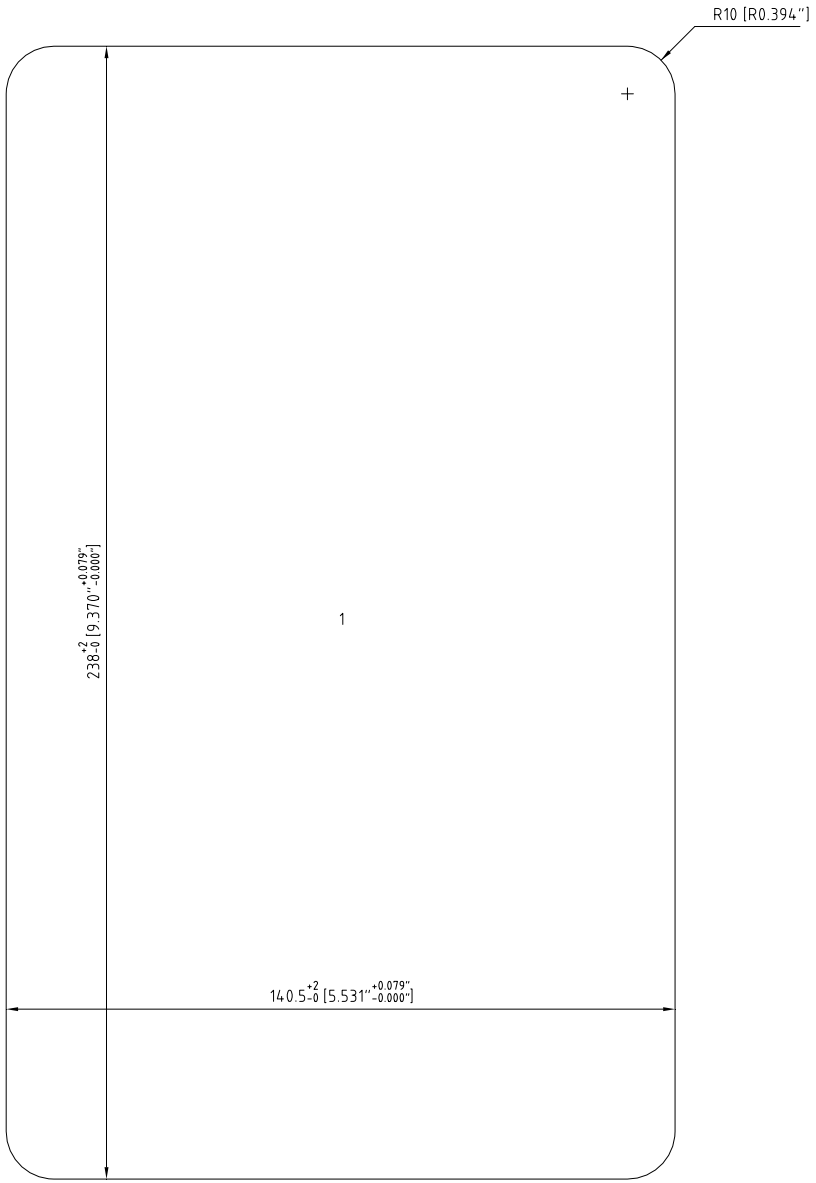
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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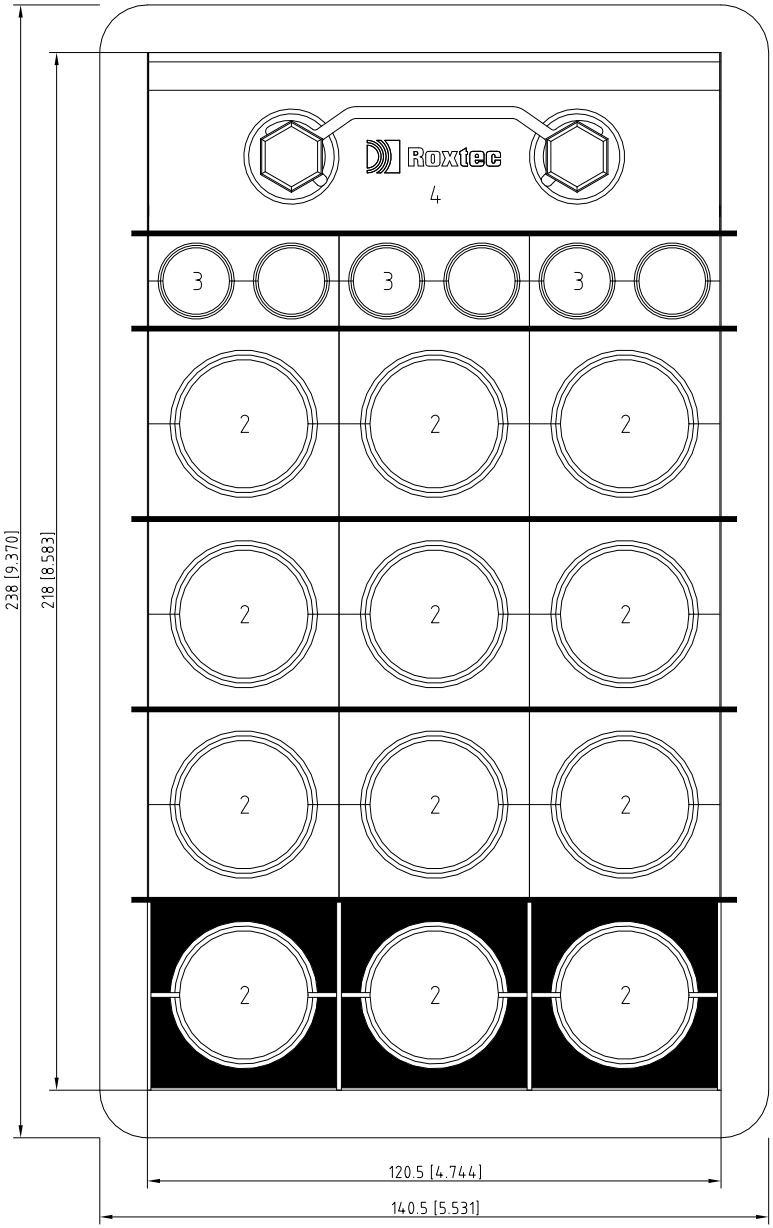
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation	TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-A2	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	5	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
4	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
3	3	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	12	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation	TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-A2	Sheet No: 2/3
	Client		Drawing number	Rev

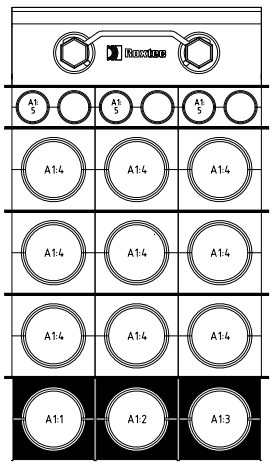
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A1

A1



Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[“])	Module Type
A1:5						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:4						RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	82006-CEM-1-L3	6.6/0.8 KV, 0.5MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	82006-CEM-1-L2	6.6/0.8 KV, 0.5MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	82006-CEM-1-L1	6.6/0.8 KV, 0.5MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

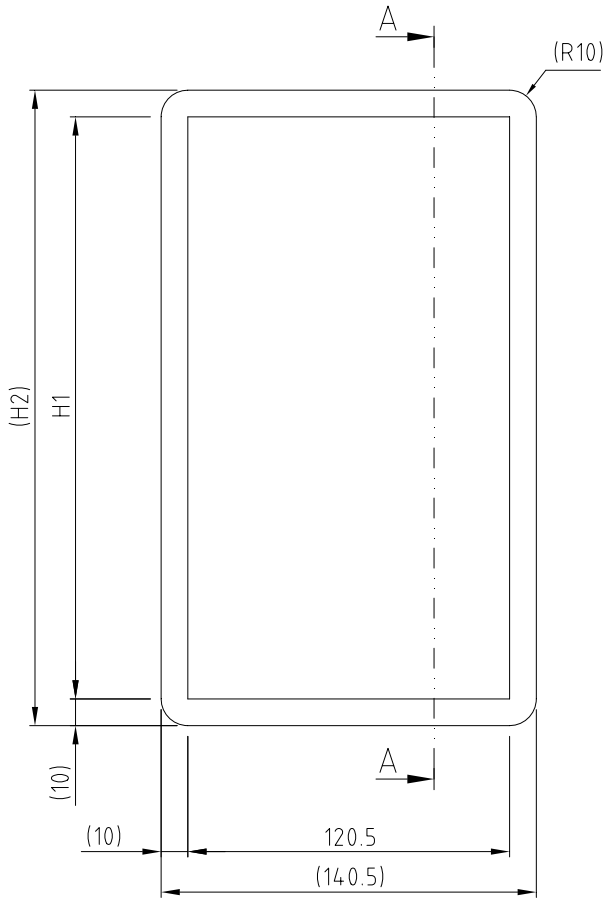
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation		TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-A2		Sheet No: 3/3
	Client		Drawing number		Rev

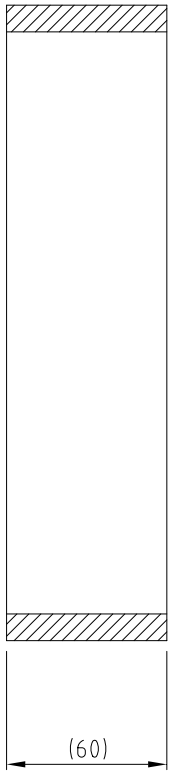
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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Roxtec

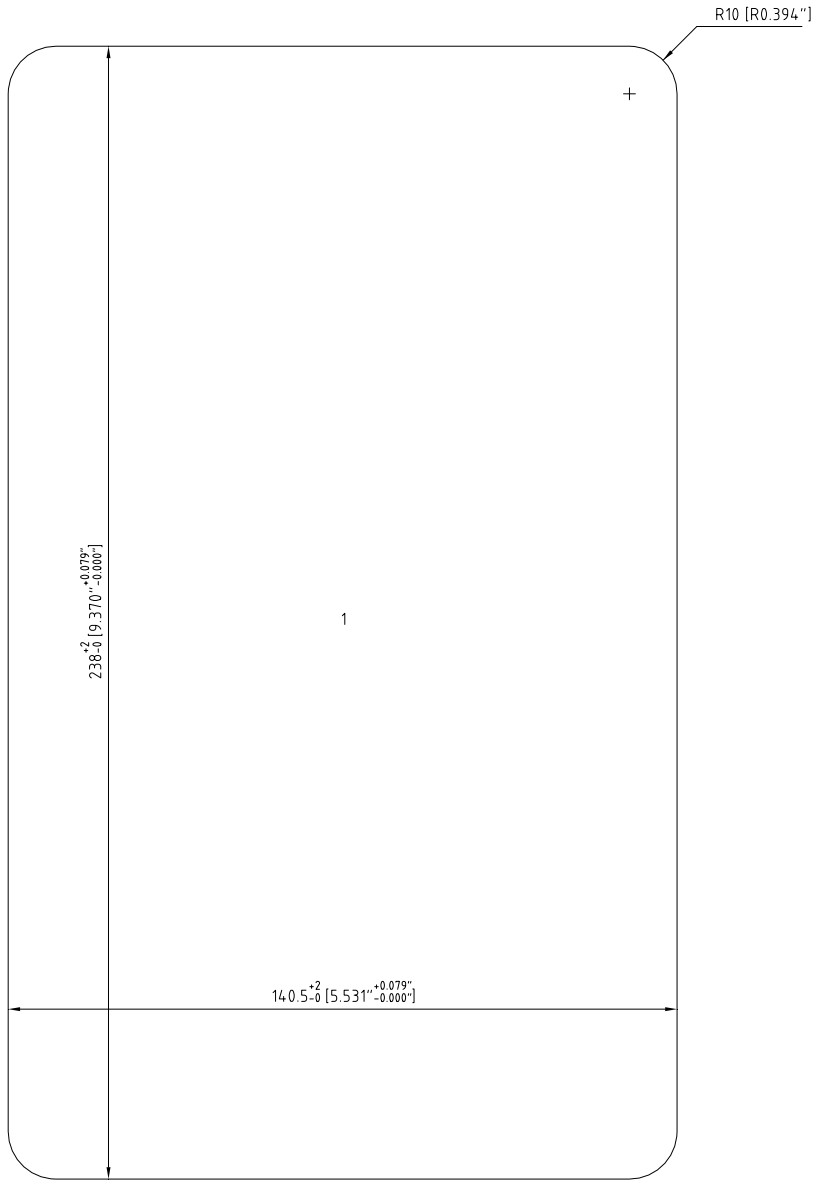
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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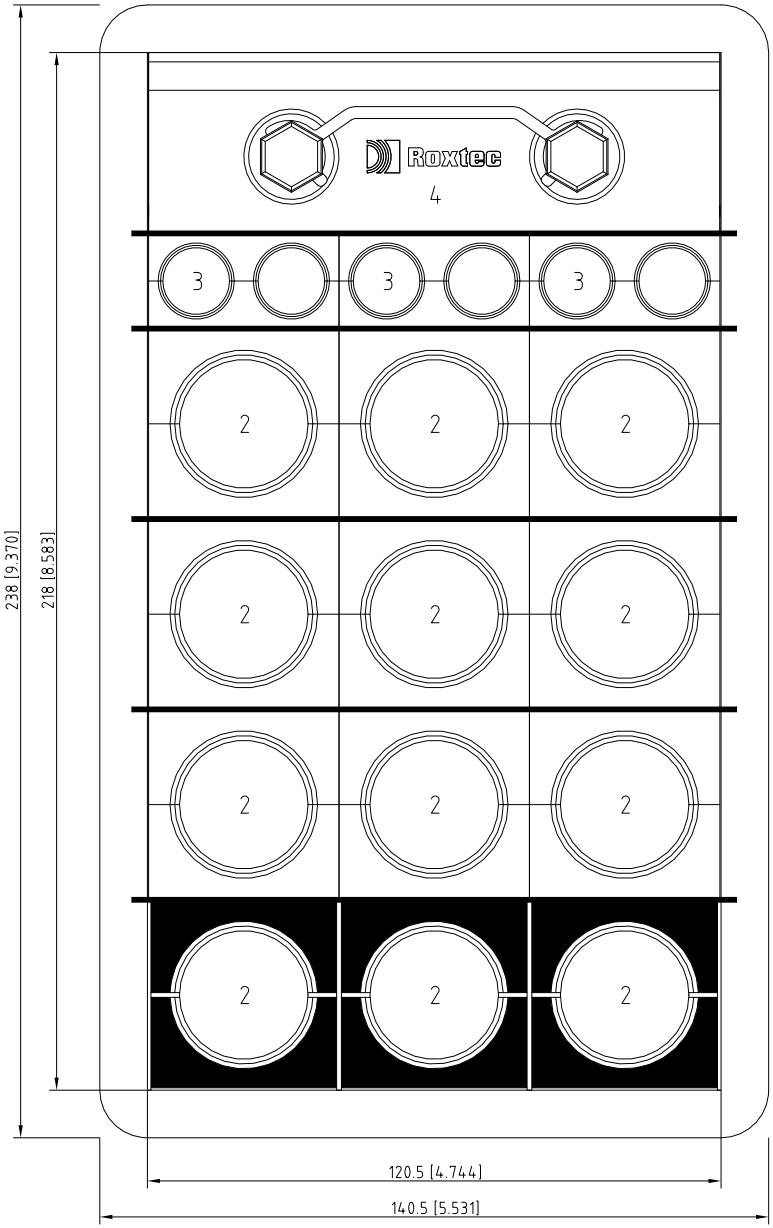
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation		TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-A3		Sheet No: 1/3
	Client		Drawing number		Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	5	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
4	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
3	3	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	12	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation	TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-A3	Sheet No: 2/3
	Client		Drawing number	Rev

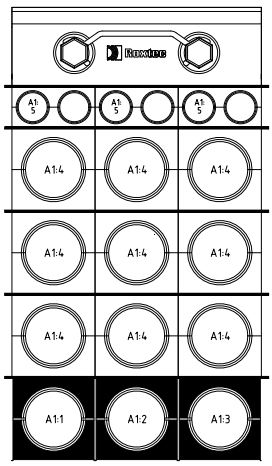
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A1

A1



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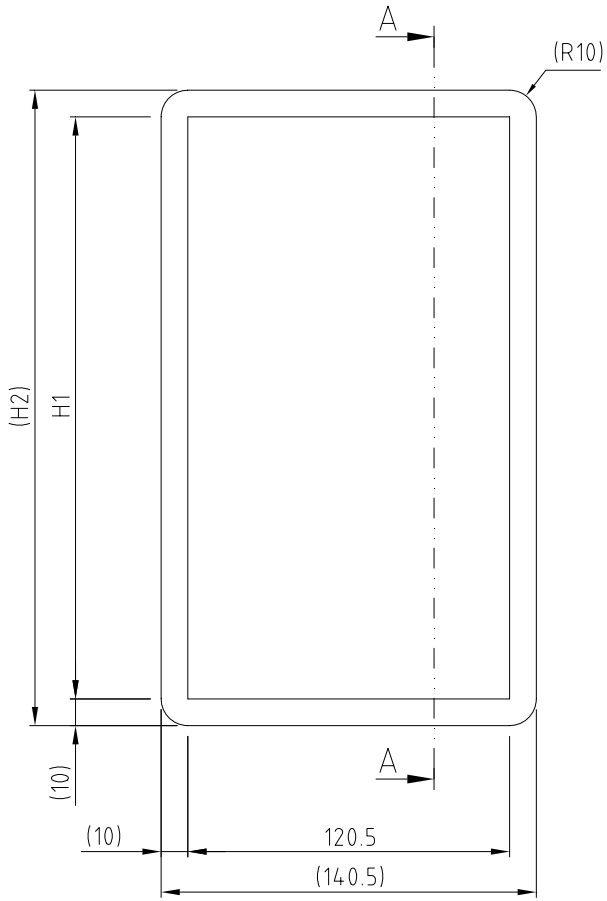
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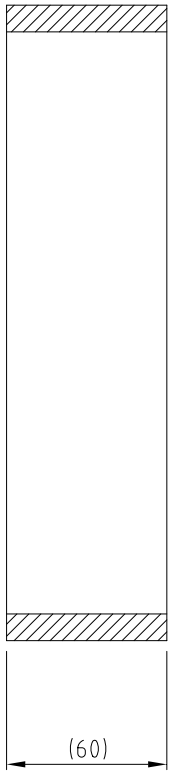
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type
A1:5						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:4						RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	82005-CEM-1-L3	6.6/0.62 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	82005-CEM-1-L2	6.6/0.62 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	82005-CEM-1-L1	6.6/0.62 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS		TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
			Transit name: SG100D1-MCT-A3		
	Client		Drawing number		Rev

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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Roxtec

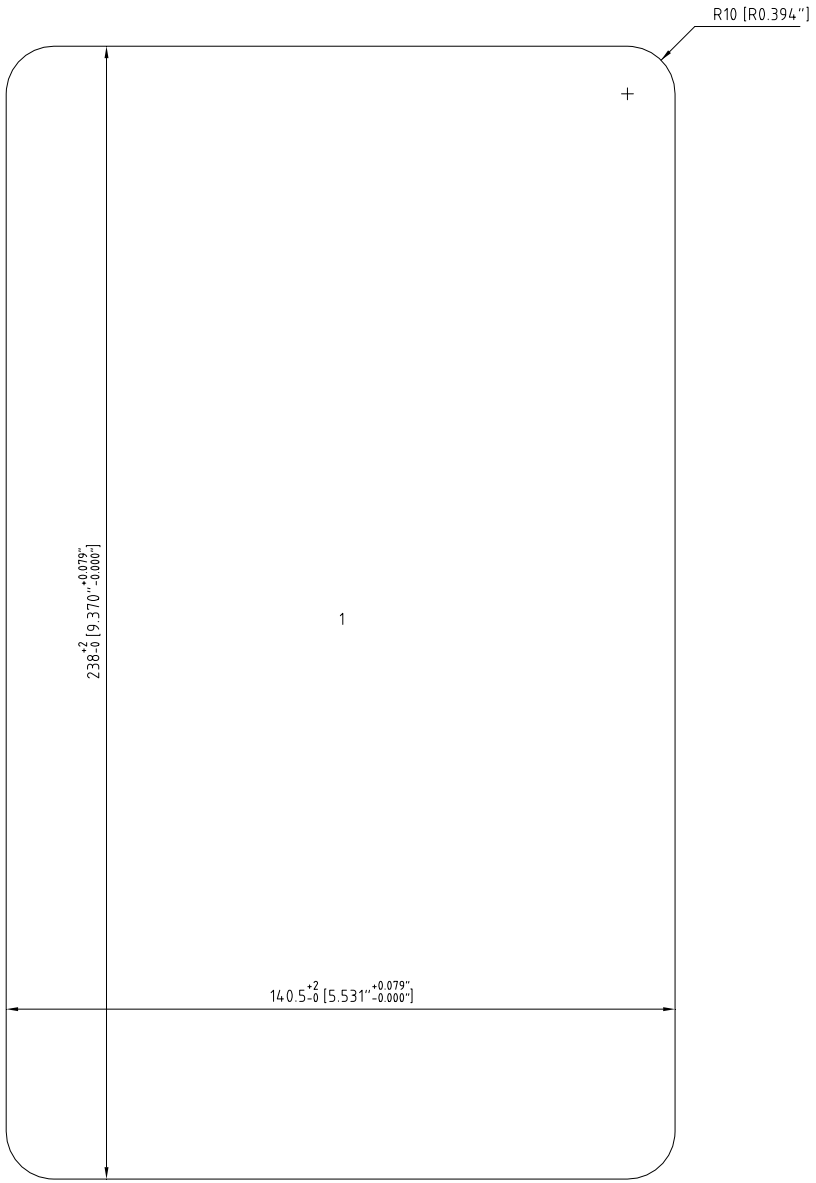
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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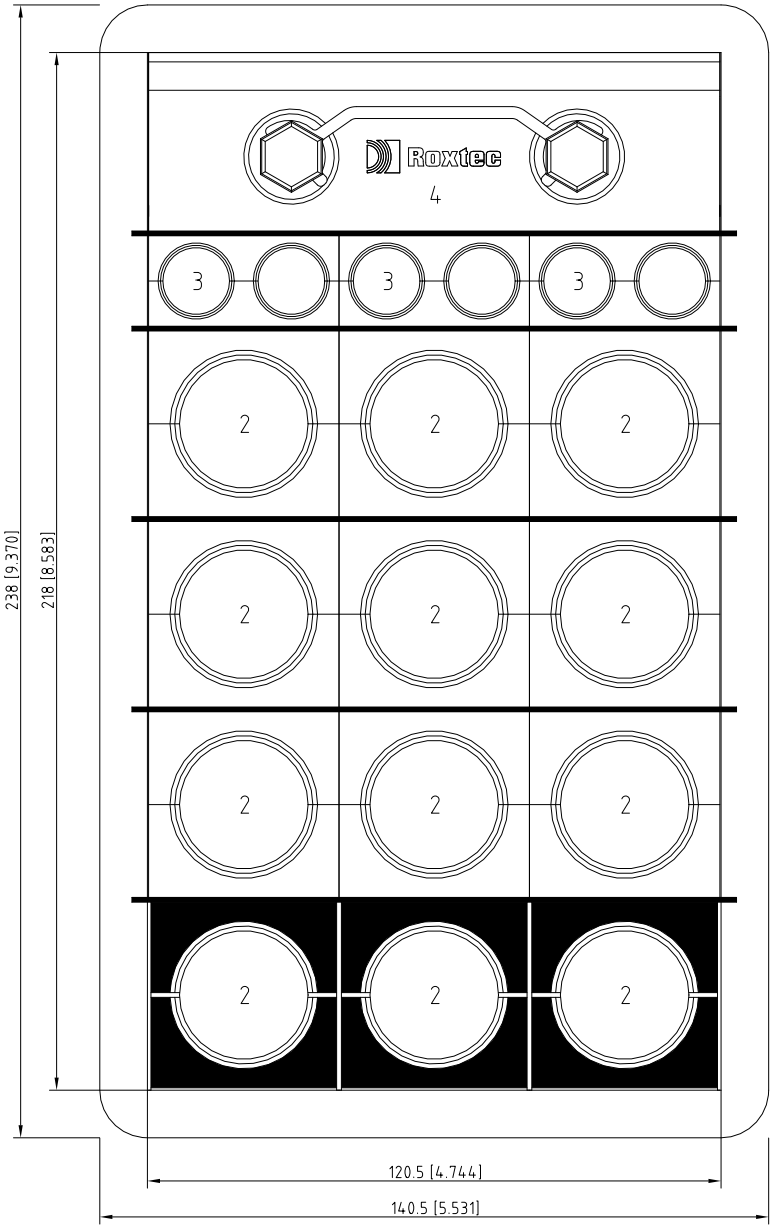
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-22	MV SWGR - ROS Location/ Sublocation	6.6 [14.64]
Roxtec	Format NTS		Transit name SG100D1-MCT-A4	Sheet No 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	5	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
4	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
3	3	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	12	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation	TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-A4	Sheet No: 2/3
	Client		Drawing number	Rev

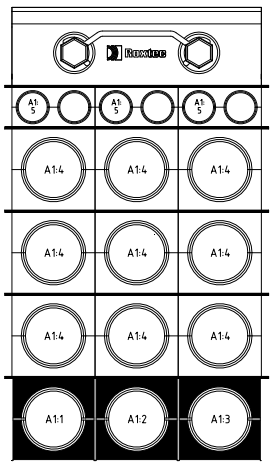
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A1

A1



Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[“])	Module Type
A1:5						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:4						RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	82002-CEM-1-L3	6.6/0.4 KV, 1.6MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	82002-CEM-1-L2	6.6/0.4 KV, 1.6MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	82002-CEM-1-L1	6.6/0.4 KV, 1.6MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

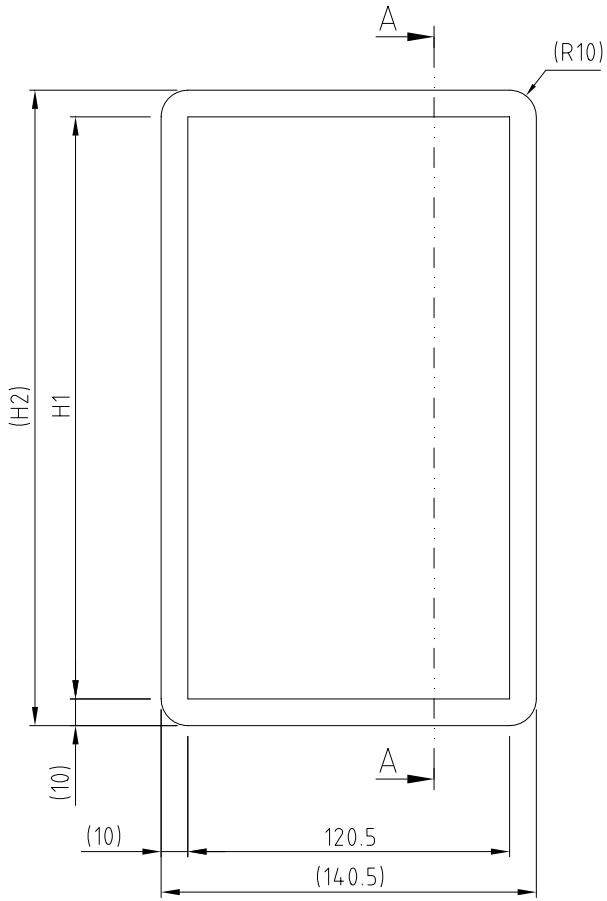
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation		TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-A4		Sheet No: 3/3
	Client		Drawing number		Rev

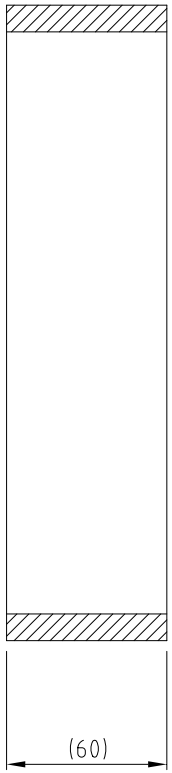
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

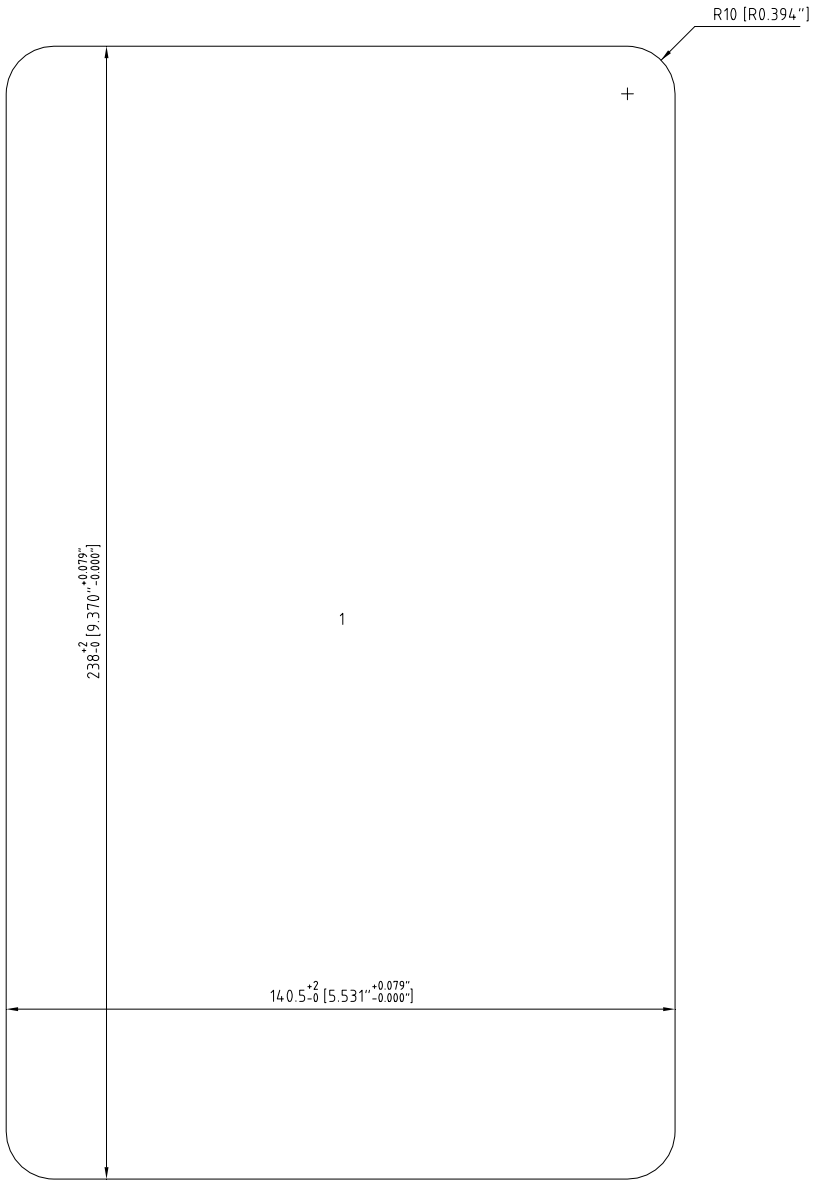
Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

RTD Version No: 4.37.4.0

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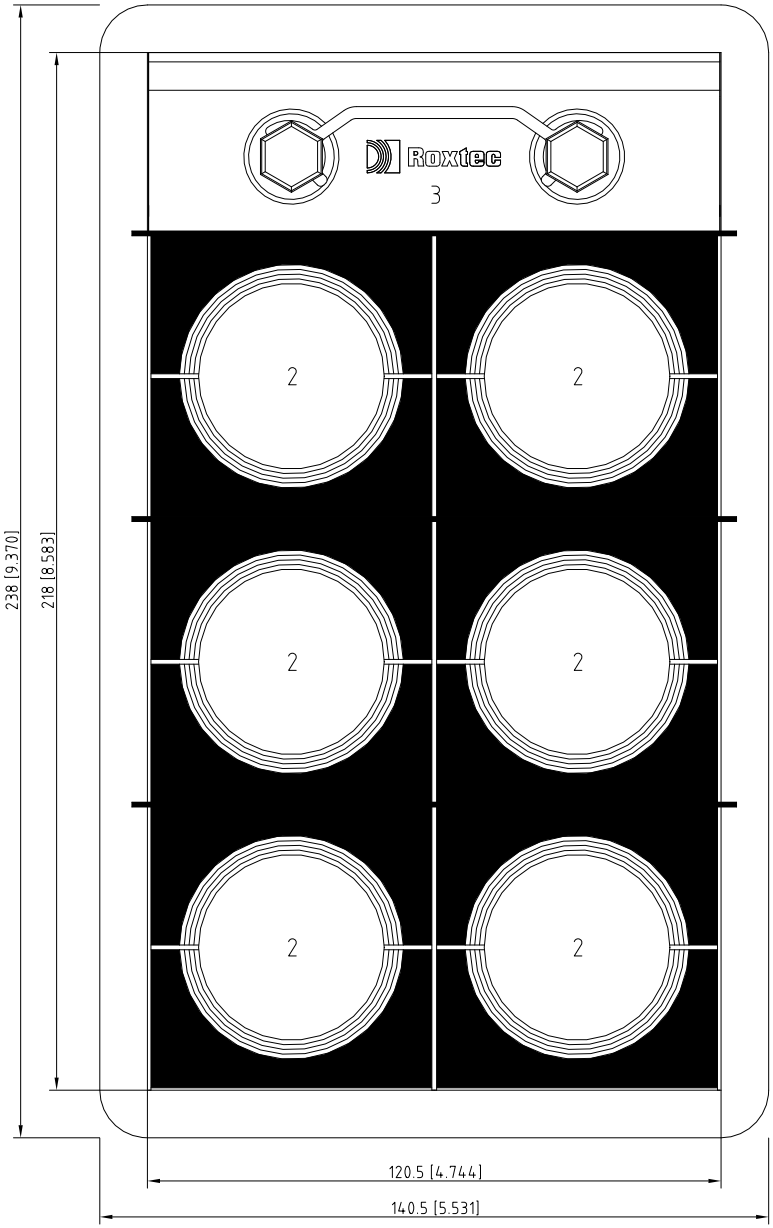
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation	TotWeight: 6.5 [14.35]
Roxtec	Format: NTS		Transit name: SG100D1- MCT- A6	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
4	3	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
3	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
2	6	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-22	MV SWGR - ROS Location/ Sublocation	6.5 [14.35]
Roxtec	Format NTS		Transit name SG100D1- MCT- A6	Sheet No 2/3
	Client		Drawing number	Rev

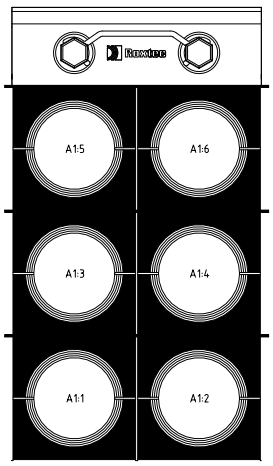
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A1

A1



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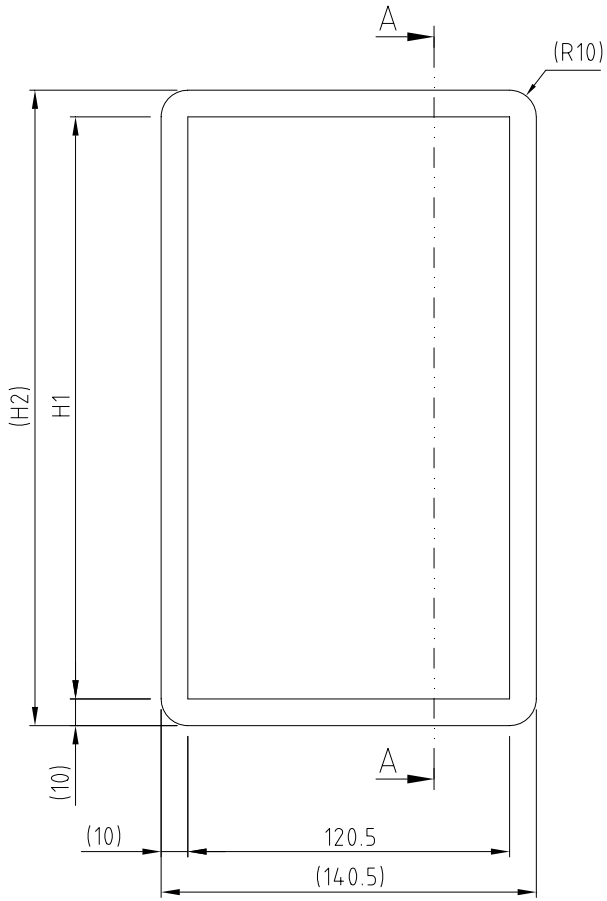
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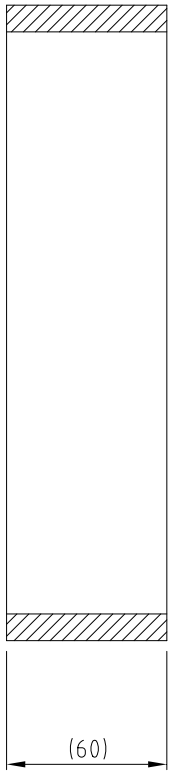
A1:6	82001-CEM-2-L3	66kV, 7MVA Transformer	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A1:5	82001-CEM-1-L3	66kV, 7MVA Transformer	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A1:4	82001-CEM-2-L2	66kV, 7MVA Transformer	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A1:3	82001-CEM-1-L2	66kV, 7MVA Transformer	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A1:2	82001-CEM-2-L1	66kV, 7MVA Transformer	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
A1:1	82001-CEM-1-L1	66kV, 7MVA Transformer	1C X 150	Power	34 [1.339"]	RM 60 28-54 [1.102"-2.126"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation	TotWeight: 6.5 [14.35]
Roxtec	Format: NTS		Transit name: SG100D1- MCT- A6	Sheet No: 3/3
	Client		Drawing number	Rev

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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Roxtec

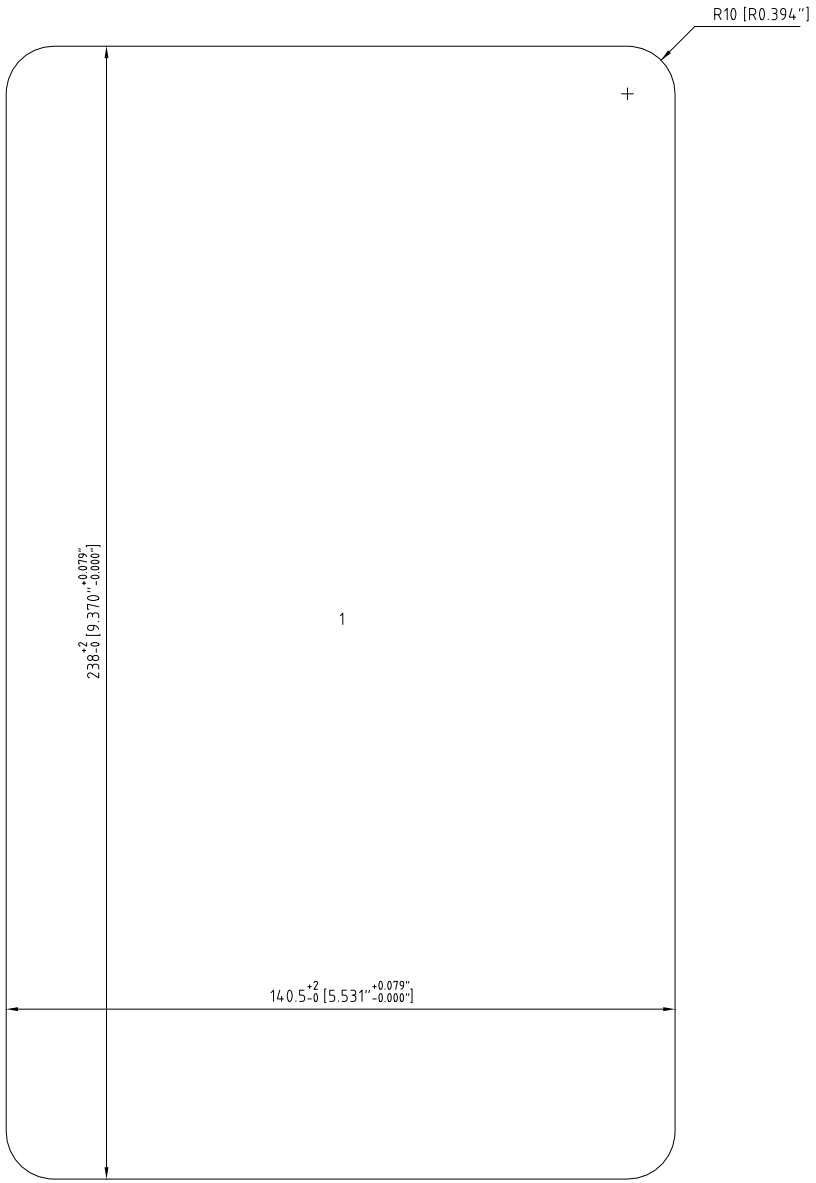
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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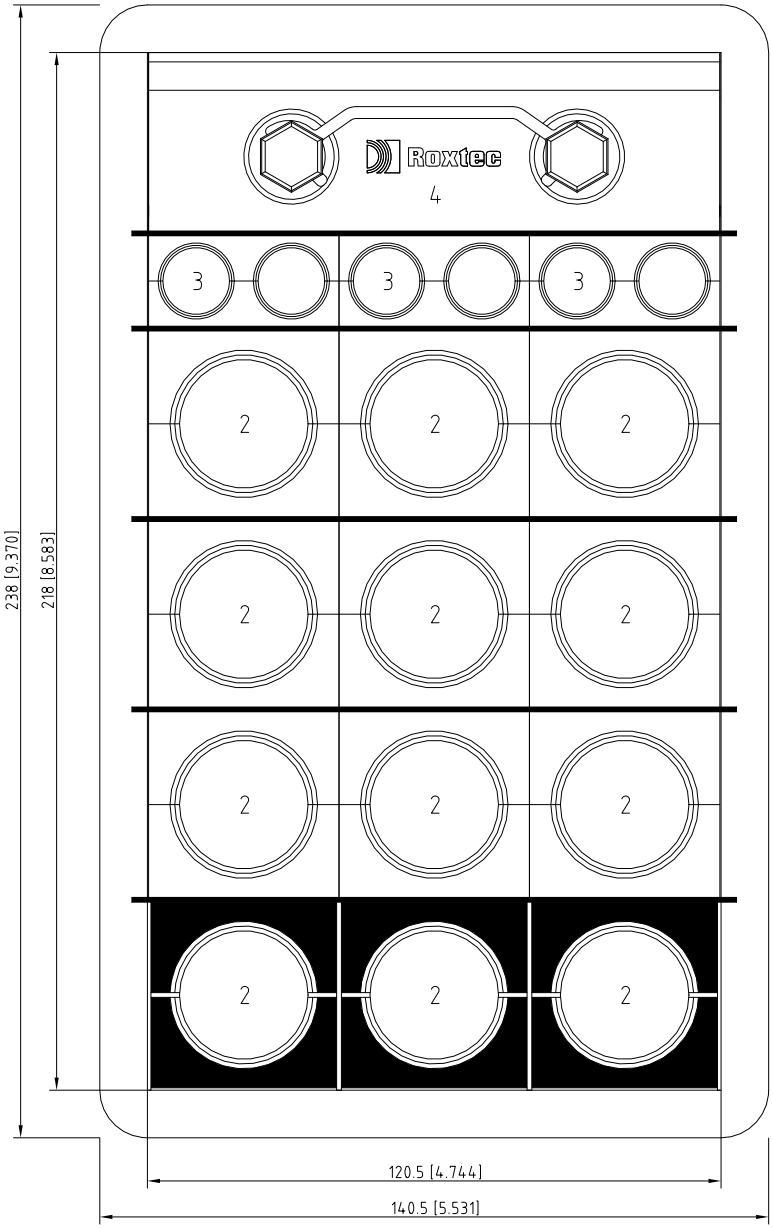
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation		TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-A7		Sheet No: 1/3
	Client		Drawing number		Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	5	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
4	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
3	3	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	12	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation	TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-A7	Sheet No: 2/3
	Client		Drawing number	Rev

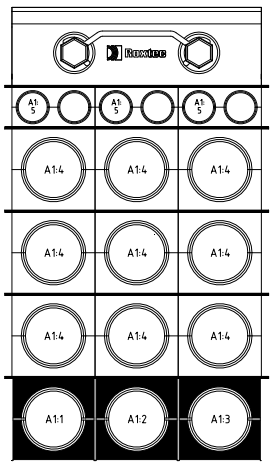
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A1

A1



A1:5						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:4						RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	82003-CEM-1-L3	6.6/0.4 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	82003-CEM-1-L2	6.6/0.4 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	82003-CEM-1-L1	6.6/0.4 KV, 1.25MVA Transformer	1C X 70	Power	29 [1.142"]	RM 40 21.5-34.5 [0.846"-1.358"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

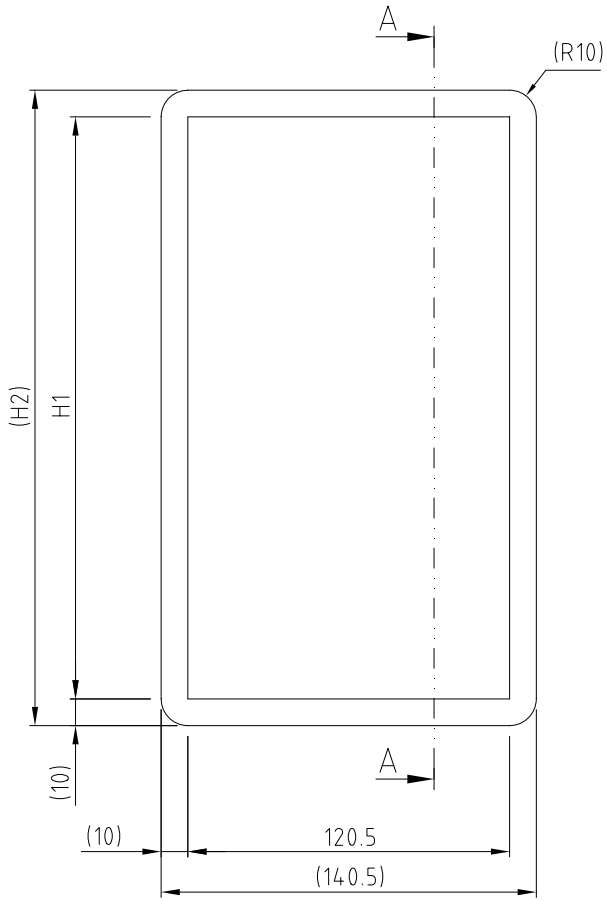
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation	TotWeight: 6.6 [14.64]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-A7	Sheet No: 3/3
	Client	Drawing number		Rev

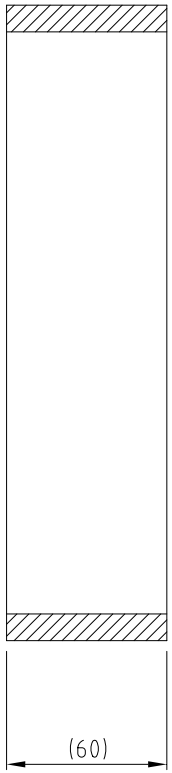
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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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Roxtec

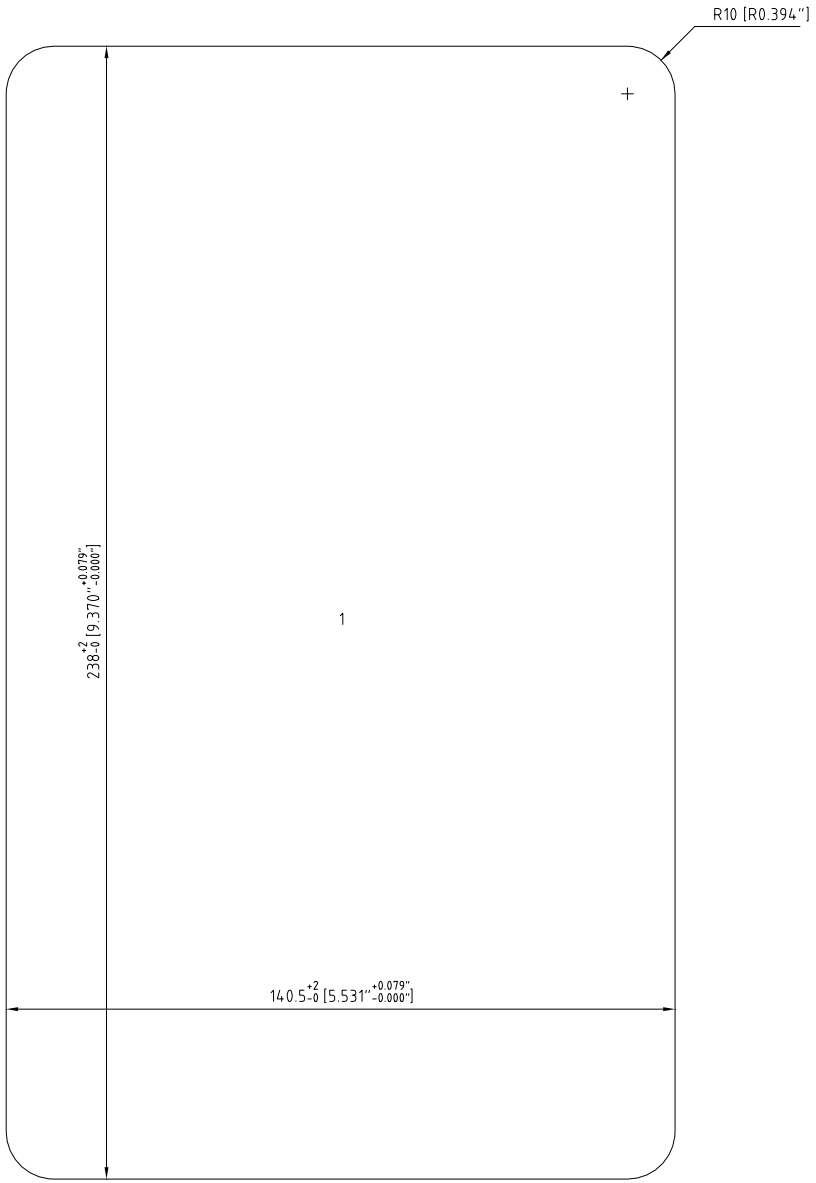
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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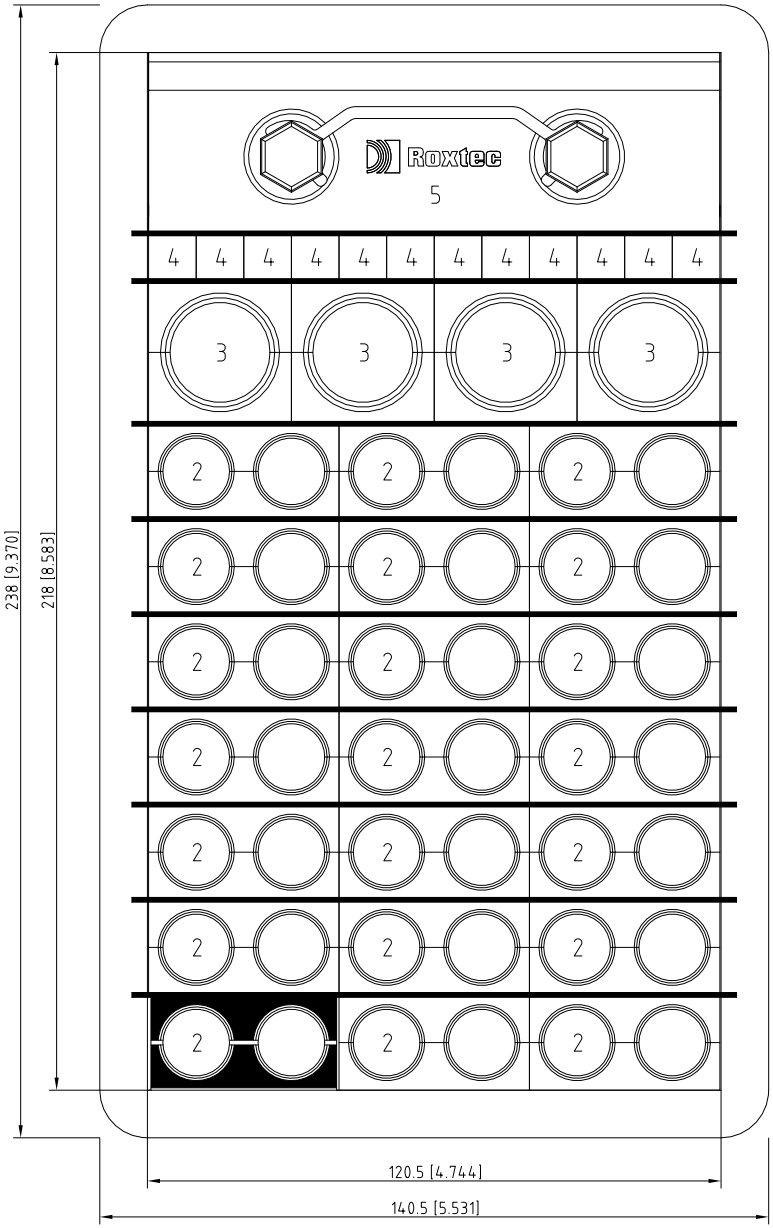
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	MV SWGR - ROS Location/ Sublocation	8.2 [18.09]
Roxtec	Format NTS		Transit name SG100D1-MCT-B1	Sheet No 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]



MODULE WITH PIPE | MODULE WITH CABLE | SPARE MODULE | SOLID MODULE

Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	9	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	1	RM 10/0x12	RM00310121000	0.1 [0.22]
3	4	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
2	21	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	MV SWGR - ROS Location/ Sublocation	8.2 [18.09]
Roxtec	Format NTS		Transit name SG100D1-MCT-B1	Sheet No 2/3
	Client		Drawing number	Rev

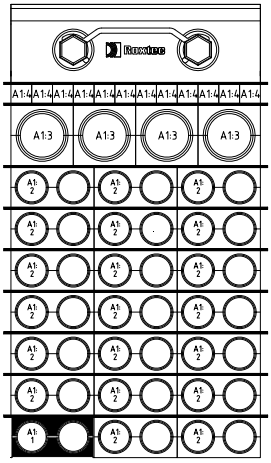
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A1

A1



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A1:4						RM 10/0x12
A1:3						RM 30 10-25 [0.394"-0.984"]
A1:2						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:1	20001-CEC	SPARE	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type


MODULE WITH PIPE

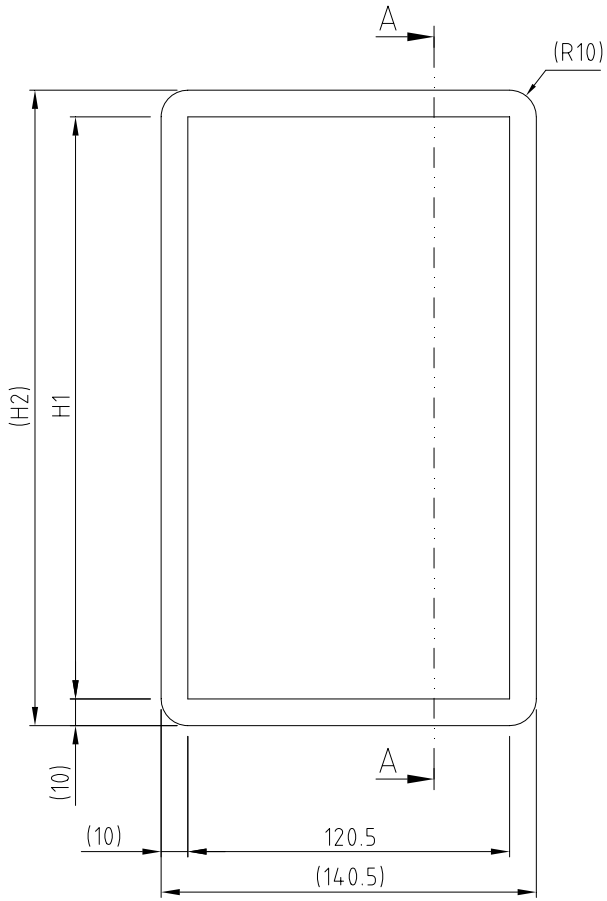

MODULE WITH CABLE

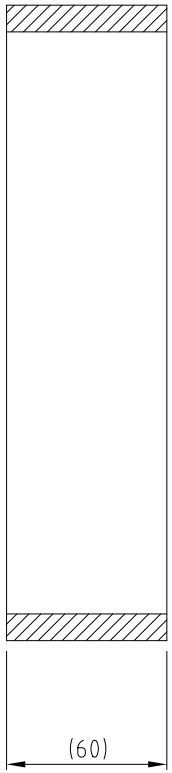

SPARE MODULE


SOLID MODULE

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	MV SWGR - ROS Location/ Sublocation	8.2 [18.09]
Roxtec	Format NTS		Transit name SG100D1-MCT-B1	Sheet No 3/3
	Client		Drawing number	Rev

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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Roxtec

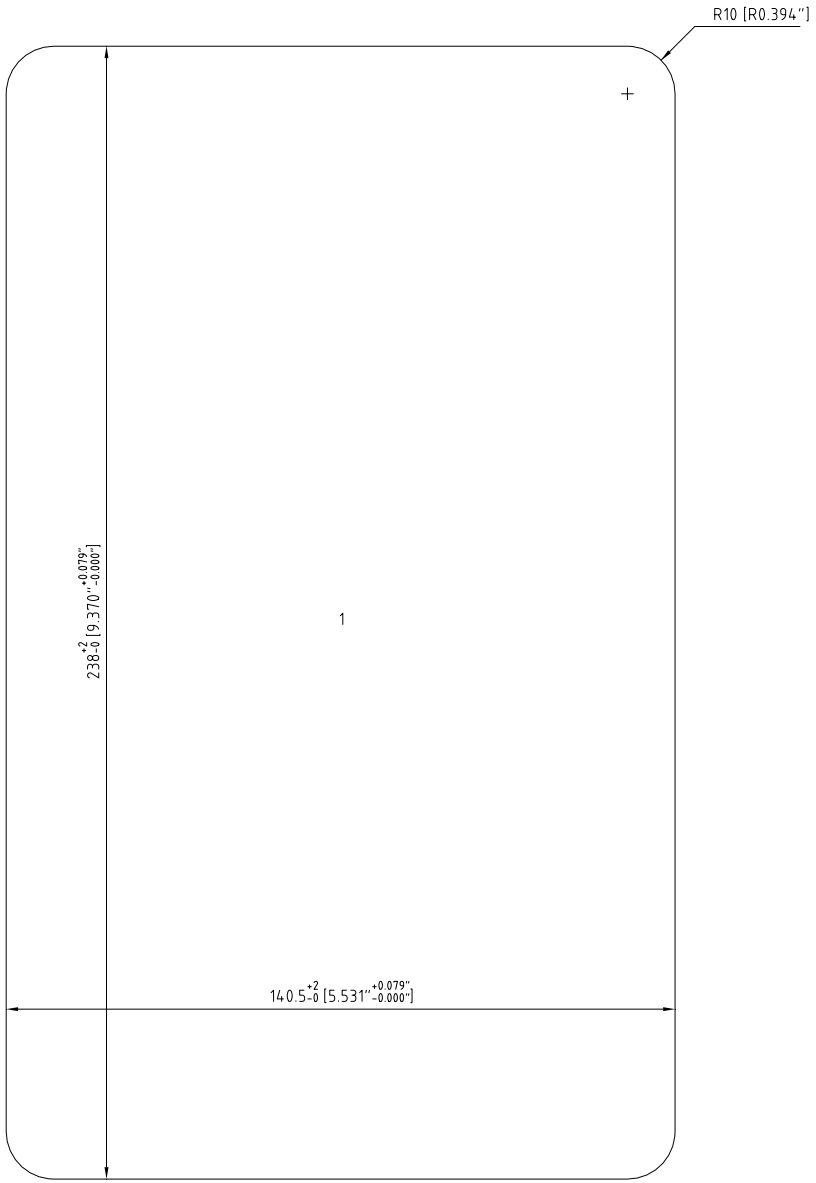
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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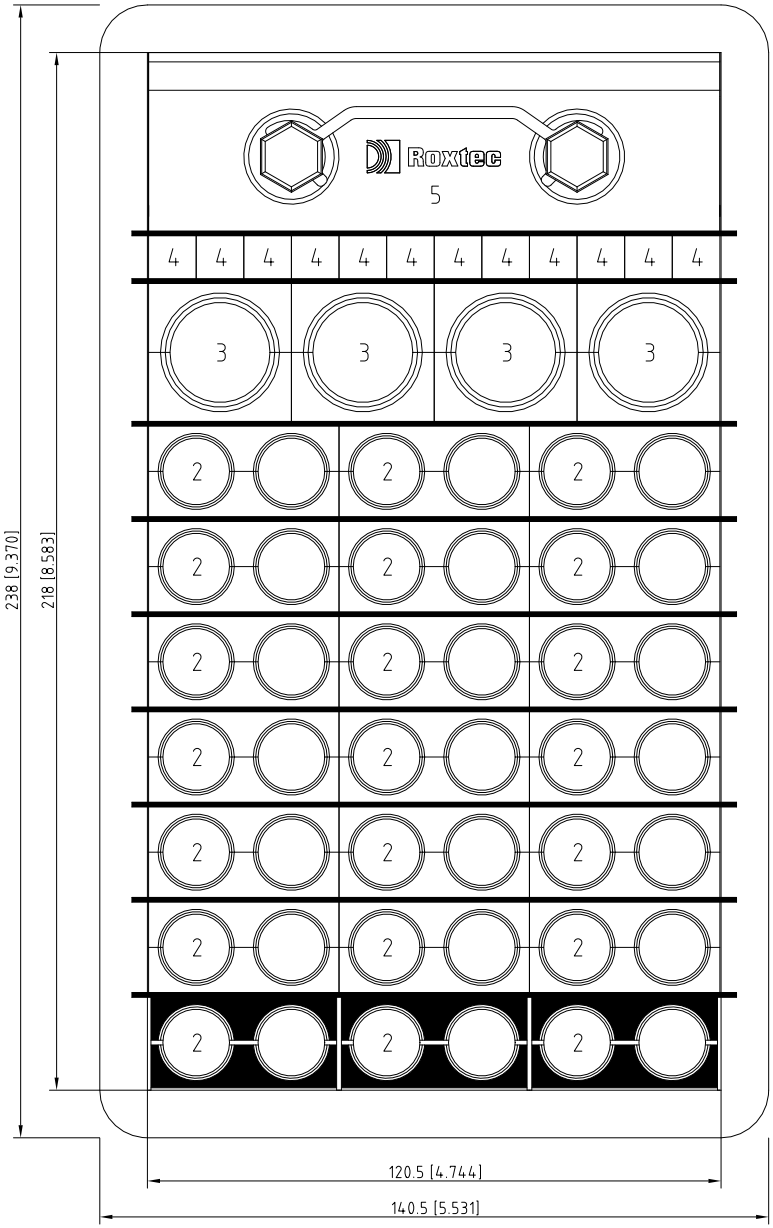
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	MV SWGR - ROS Location/ Sublocation	8.2 [18.09]
Roxtec	Format NTS		Transit name SG100D1-MCT-B2	Sheet No 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	9	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	1	RM 10/0x12	RM00310121000	0.1 [0.22]
3	4	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
2	21	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	MV SWGR - ROS Location/ Sublocation	8.2 [18.09]
Roxtec	Format NTS		Transit name SG100D1-MCT-B2	Sheet No 2/3
	Client		Drawing number	Rev

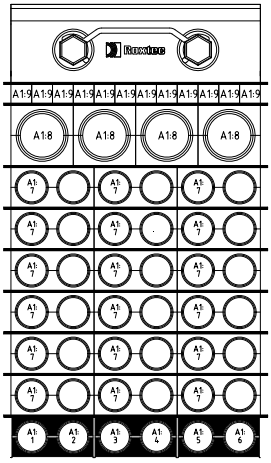
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A1

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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[“])	Module Type
A1:9						RM 10/0x12
A1:8						RM 30 10-25 [0.394"-0.984"]
A1:7						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:6	82008-CEC	Solar Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:5	83015-CEC	LV SWBD 800/460V	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:4	83014-CEC	Solar transformer	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:3	83013-CEC	Solar transformer	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:2	83012-CEC	Solar transformer	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:1	83011-CEC	Solar transformer	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]


MODULE WITH PIPE

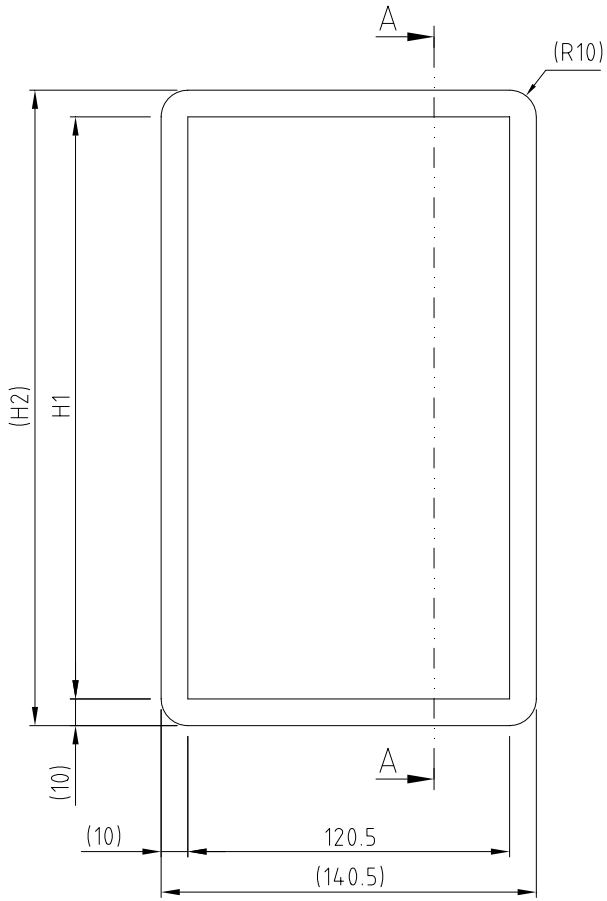

MODULE WITH CABLE

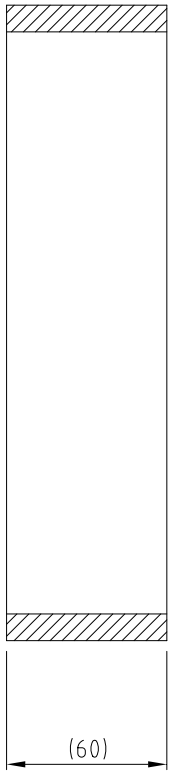

SPARE MODULE


SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: MV SWGR - ROS Location/ Sublocation	TotWeight: 8.2 [18.09]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-B2	Sheet No: 3/3
	Client	Drawing number		Rev

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

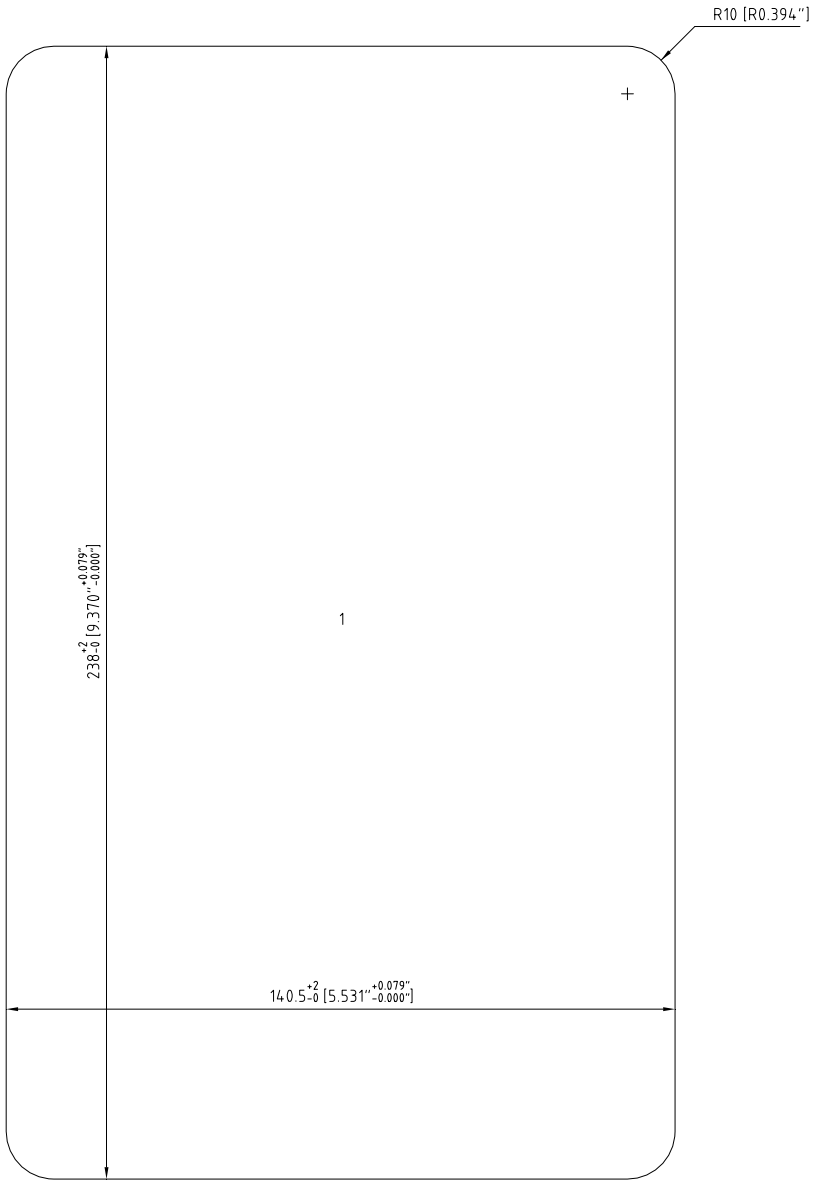
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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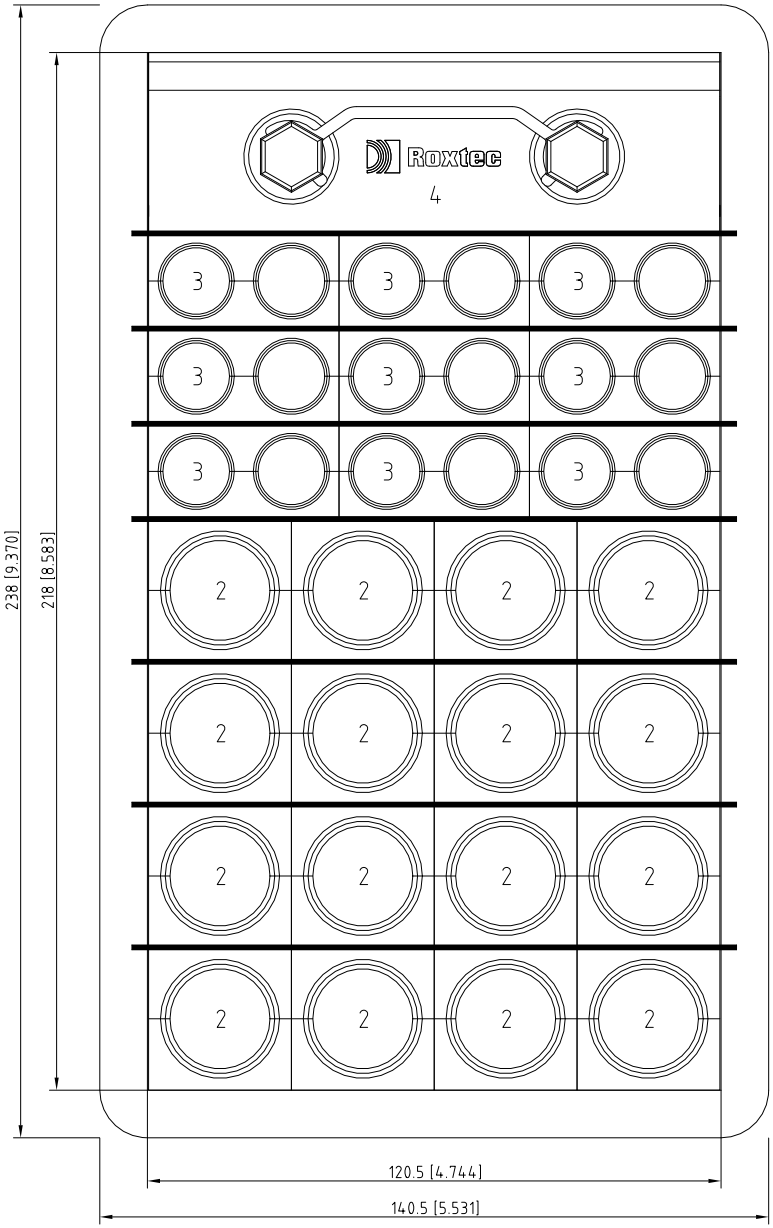
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-11	2024-07-22	MV SWGR - ROS Location/ Sublocation	6.9 [15.17]
Roxtec	Format NTS		Transit name SG100D1-MCT-B3	Sheet No 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]



MODULE WITH PIPE | MODULE WITH CABLE | SPARE MODULE | SOLID MODULE

Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	7	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
4	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
3	9	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	16	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-11	2024-07-22	MV SWGR - ROS Location/ Sublocation	6.9 [15.17]
Roxtec	Format NTS		Transit name SG100D1-MCT-B3	Sheet No 2/3
	Client		Drawing number	Rev

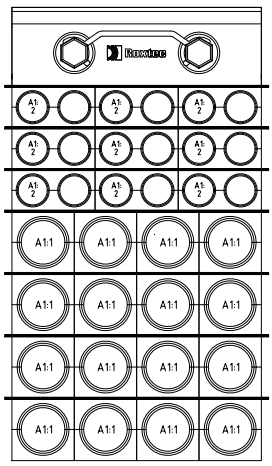
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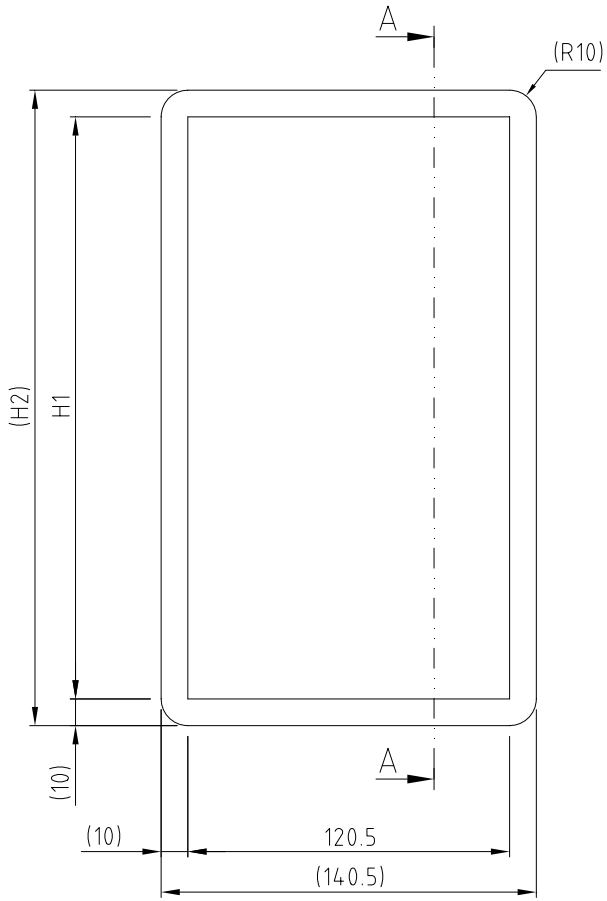
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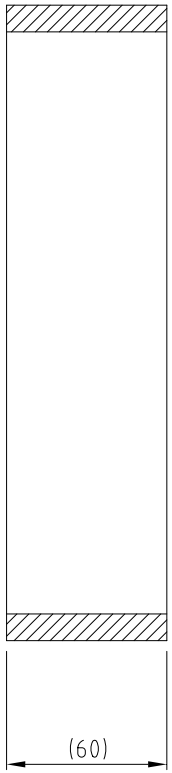
A1:2						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:1						RM 30 10-25 [0.394"-0.984"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-11	Modify Date: 2024-07-22	Project: MV SWGR - ROS		TotWeight: 6.9 [15.17]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
	Client		Transit name: SG100D1-MCT-B3	Drawing number	Rev

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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Roxtec

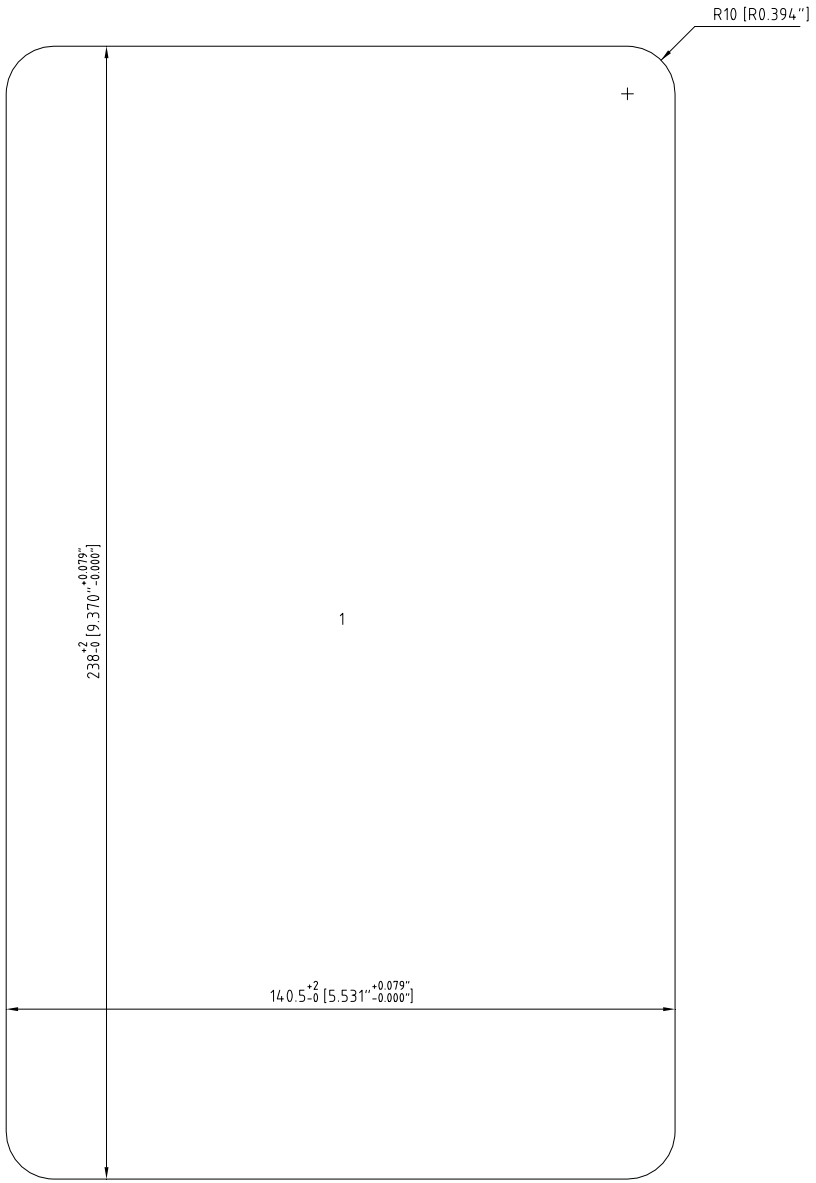
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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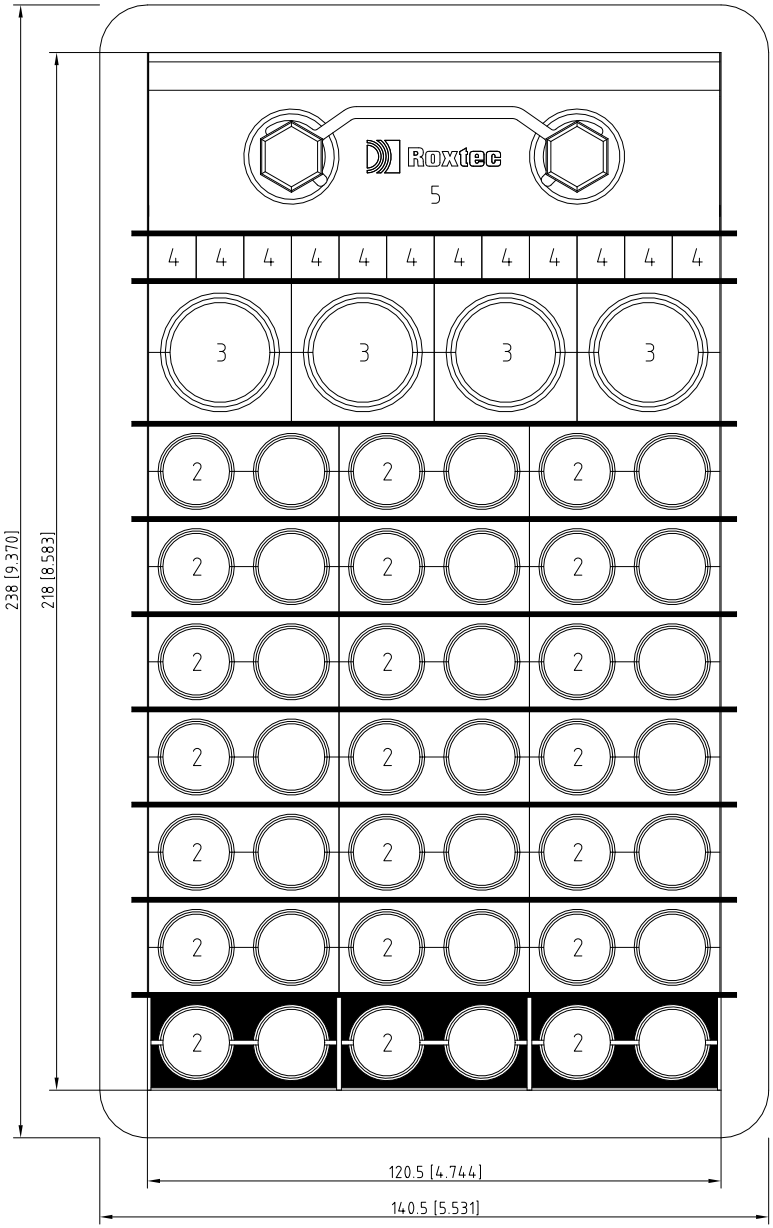


Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: MV SWGR - ROS Location/ Sublocation	TotWeight: 8.2 [18.09]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-B4	Sheet No: 1/3
Client		Drawing number		Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	9	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	1	RM 10/0x12	RM00310121000	0.1 [0.22]
3	4	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
2	21	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	MV SWGR - ROS Location/ Sublocation	8.2 [18.09]
Roxtec	Format NTS		Transit name SG100D1-MCT-B4	Sheet No 2/3
	Client		Drawing number	Rev

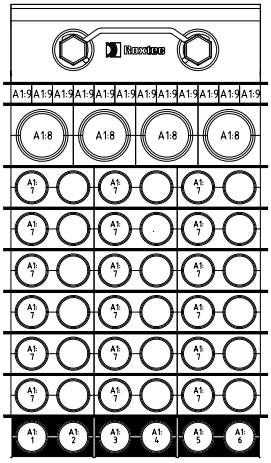
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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/["))	Module Type
A1:9						RM 10/0x12
A1:8						RM 30 10-25 [0.394"-0.984"]
A1:7						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:6	83006-CEC	LV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:5	83005-CEC	LV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:4	83004-CEC	6.6/0.415 kV Transformer	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:3	83003-CEC	6.6/0.415 kV Transformer	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:2	83002-CEC	6.6/0.415 kV Transformer	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:1	83001-CEC	6.6/0.415 kV Transformer	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]


MODULE WITH PIPE

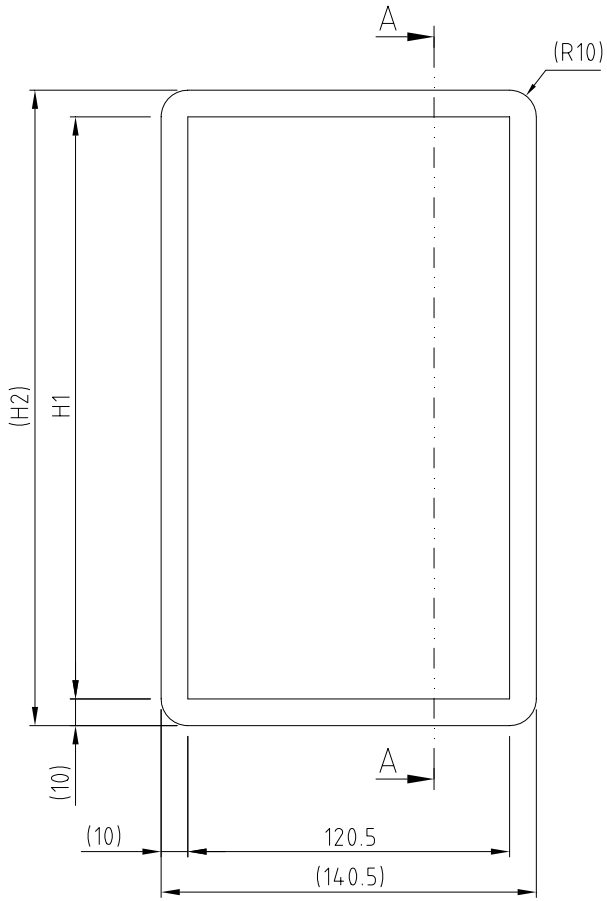

MODULE WITH CABLE

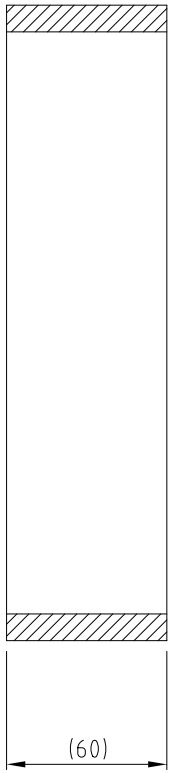

SPARE MODULE


SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: MV SWGR - ROS Location/ Sublocation	TotWeight: 8.2 [18.09]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-B4	Sheet No: 3/3
	Client	Drawing number		Rev

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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Roxtec

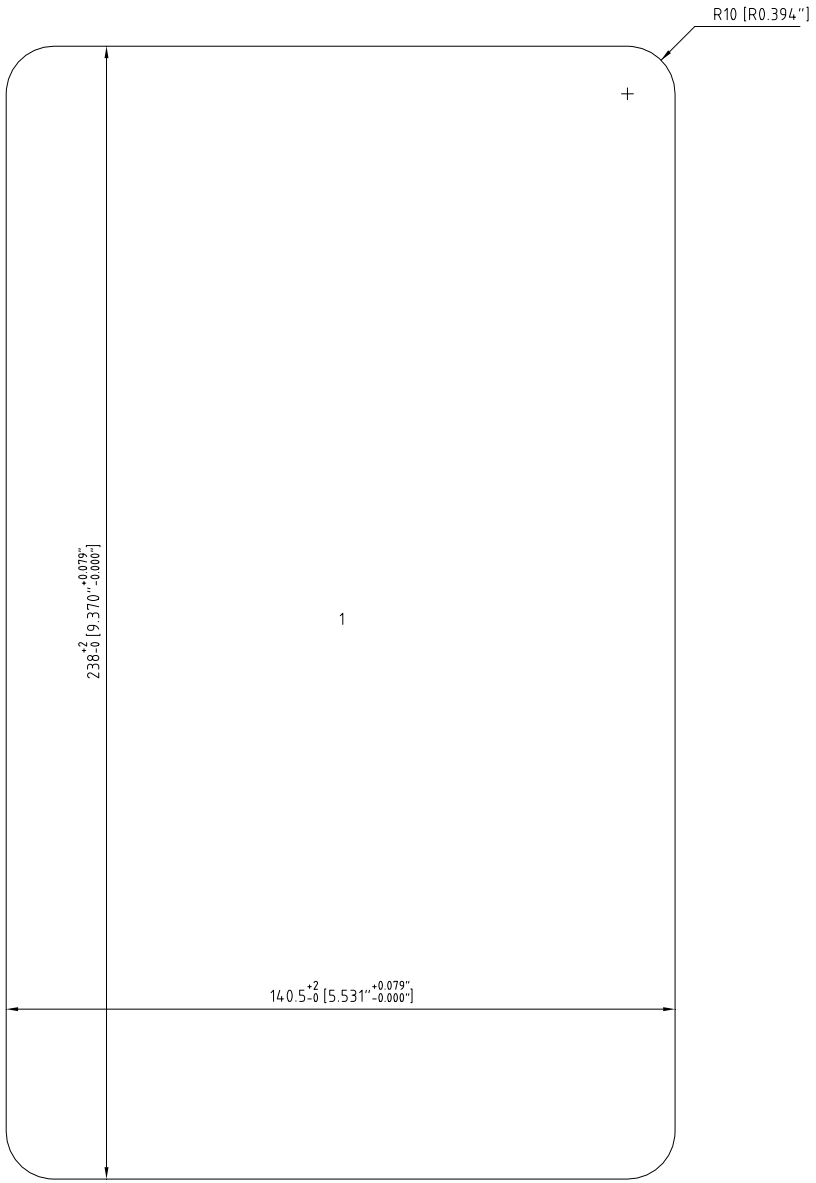
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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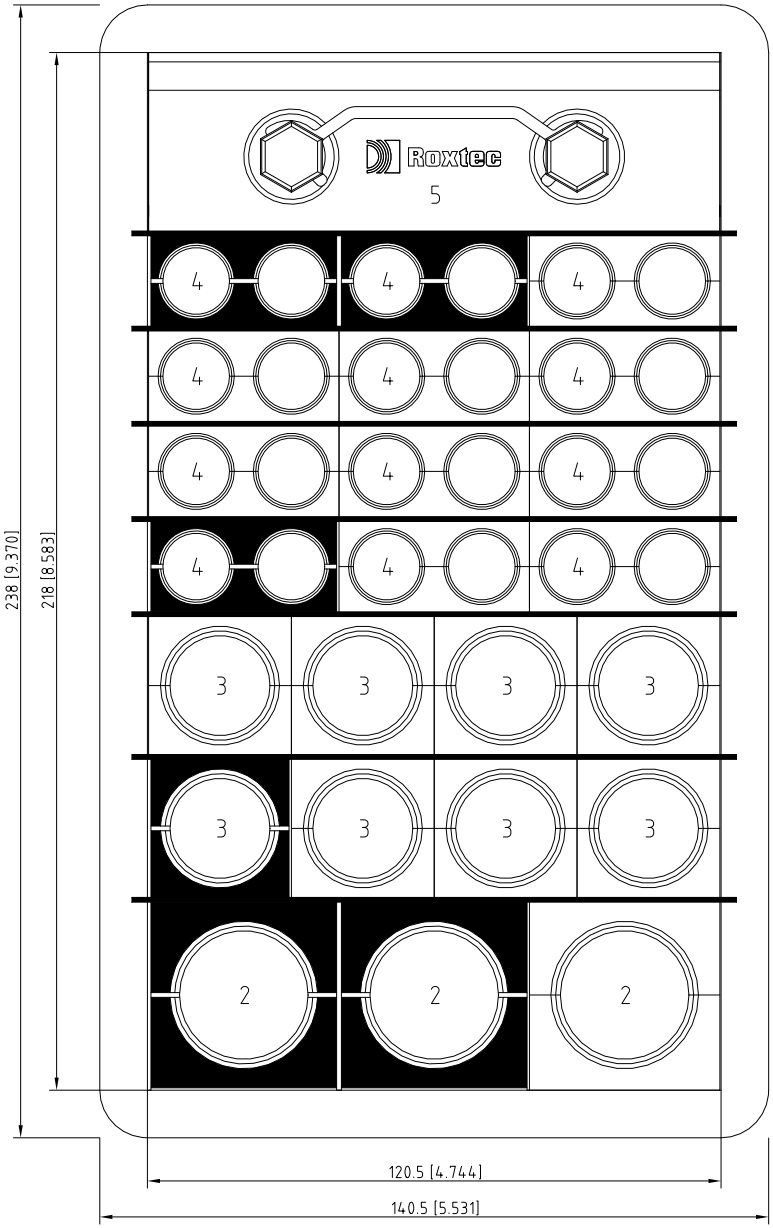
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: MV SWGR - ROS Location/ Sublocation		TotWeight: 6.9 [15.15]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-B5		Sheet No: 1/3
	Client		Drawing number		Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	7	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	12	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
3	8	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
2	3	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	MV SWGR - ROS Location/ Sublocation	6.9 [15.15]
Roxtec	Format NTS		Transit name SG100D1-MCT-B5	Sheet No 2/3
	Client		Drawing number	Rev

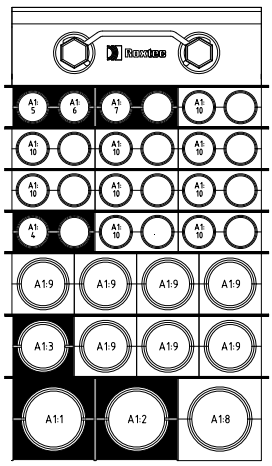
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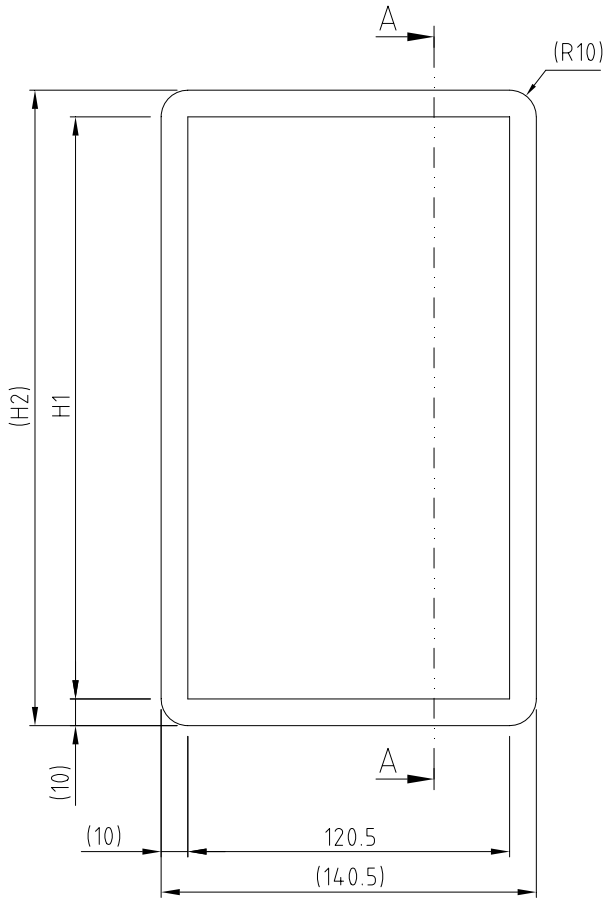
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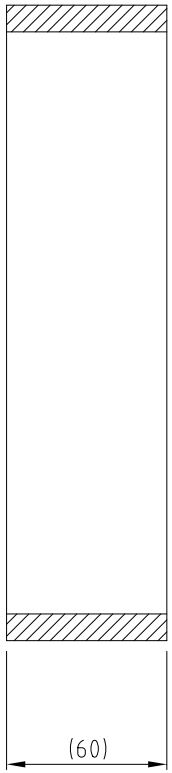
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type
A1:1	84103-CEL	DC Control for 6,6 kV Switchgear Line-A	3G16	Power	23.6 [0.929"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	84104-CEL	DC Control for 6,6 kV Switchgear Line-B	3G16	Power	23.6 [0.929"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	82007-CEC	BESS UCP	4C X 4	Control	15.4 [0.606"]	RM 30 10-25 [0.394"-0.984"]
A1:4	83119-CEL	Auxiliary 6.6kV Switchboard	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:5	SG-100D1/B400-EMCS-001.01	EMCS SYSTEM	CAT.6A 4x2xAWG23	Comm.	10.7 [0.421"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:6	SG-100D1/B400-EMCS-001.02	EMCS SYSTEM	CAT.6A 4x2xAWG23	Comm.	10.7 [0.421"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7	SG-100D1/B400-EMCS-001.03	EMCS SYSTEM	CAT.6A 4x2xAWG23	Comm.	10.7 [0.421"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:8						RM 40 21.5-34.5 [0.846"-1.358"]
A1:9						RM 30 10-25 [0.394"-0.984"]
A1:10						RM 20W40 3.5-16.5 [0.138"-0.650"]

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: MV SWGR - ROS	Location/ Sublocation:	TotWeight: 6.9 [15.15]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-B5		Sheet No: 3/3
	Client:		Drawing number:		Rev:

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

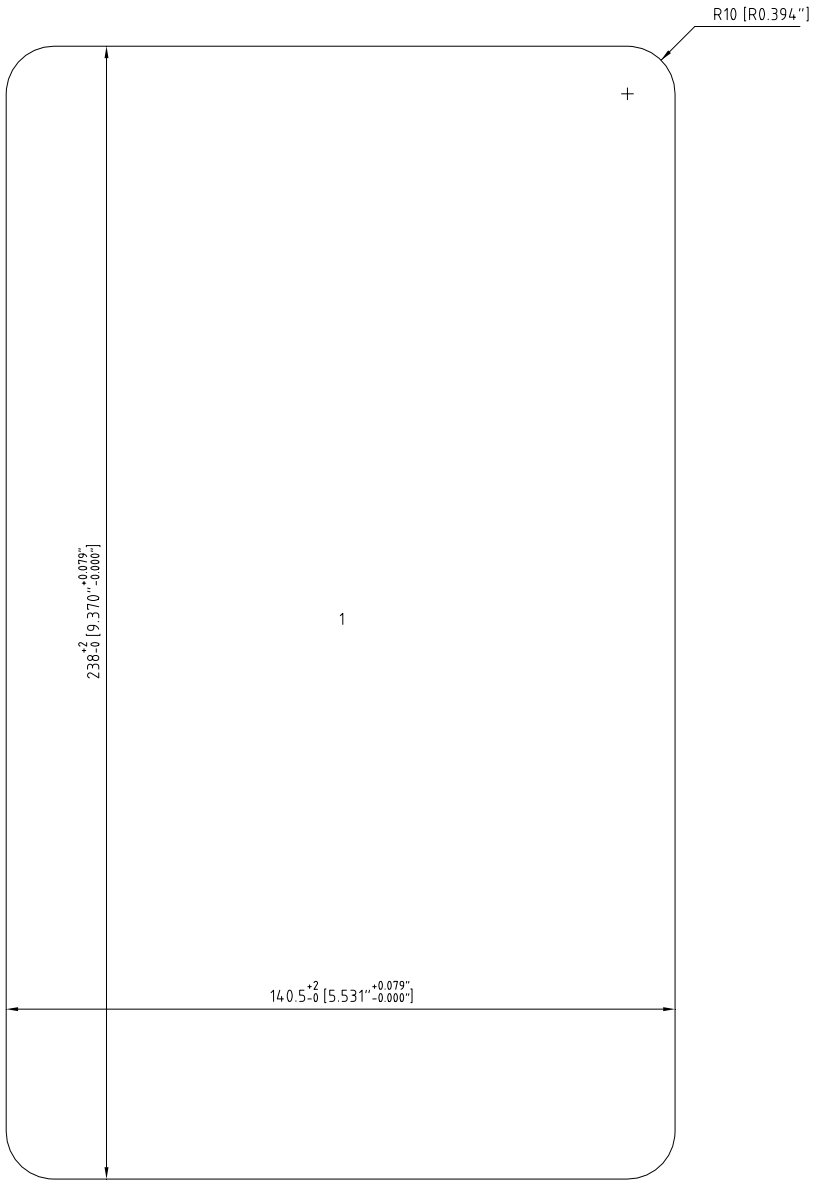
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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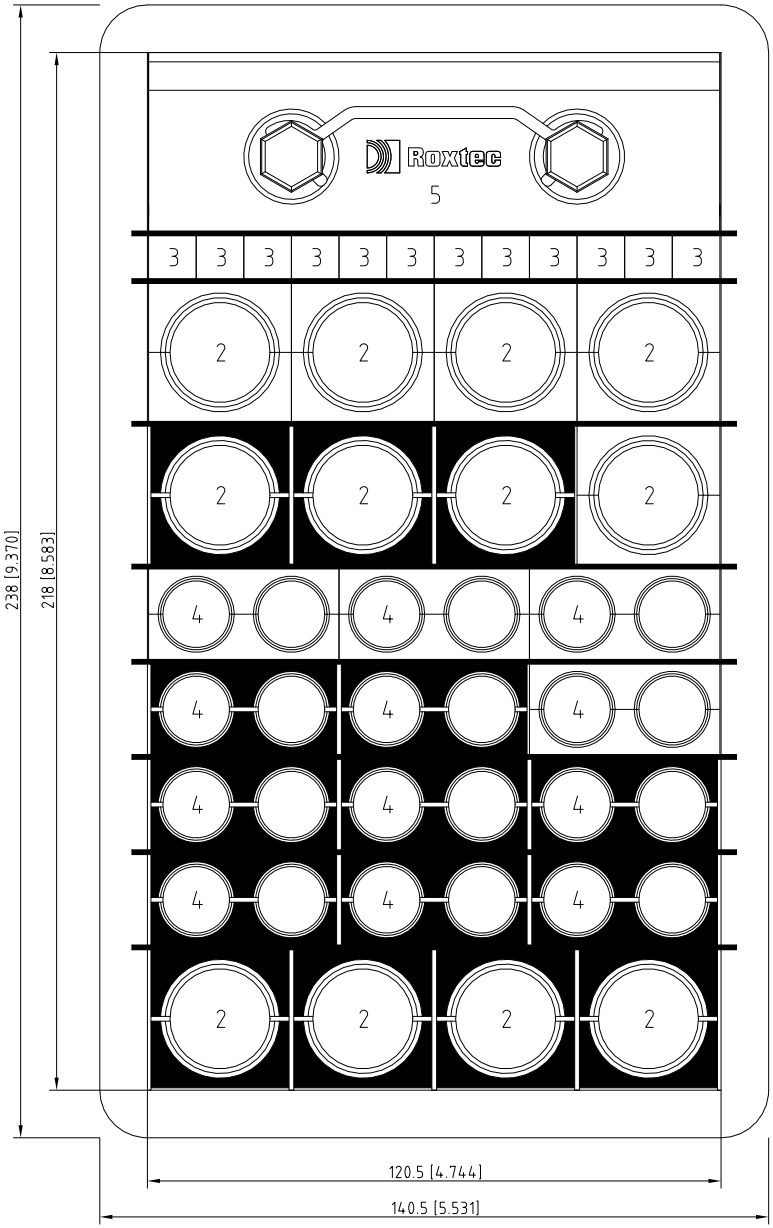
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: MV SWGR - ROS Location/ Sublocation	TotWeight: 8.1 [17.87]	
Roxtec	Format: NTS		Transit name: SG100D1-MCT-B6	Sheet No: 1/3	
	Client		Drawing number	Rev	

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]



MODULE WITH PIPE | MODULE WITH CABLE | SPARE MODULE | SOLID MODULE

Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	8	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	12	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
3	1	RM 10/0x12	RM00310121000	0.1 [0.22]
2	12	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	MV SWGR - ROS Location/ Sublocation	8.1 [17.87]
Roxtec	Format NTS		Transit name SG100D1-MCT-B6	Sheet No 2/3
	Client		Drawing number	Rev

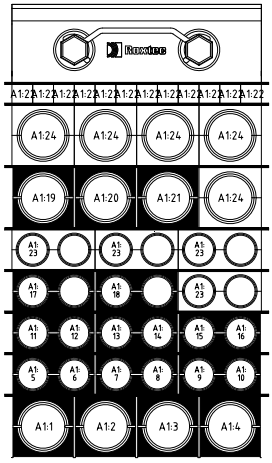
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A1



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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[*])	Module Type
A1:24						RM 30 10-25 [0.394"-0.984"]
A1:23						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:22						RM 10/0x12
A1:21	SG-100D1-003/B400-SIS-001	MARSHALLING PCS	2C X 2.5	Control	14.1 [0.555"]	RM 30 10-25 [0.394"-0.984"]
A1:20	SG-100D1-002/B400-SIS-001	MARSHALLING PCS	2C X 2.5	Control	14.1 [0.555"]	RM 30 10-25 [0.394"-0.984"]
A1:19	SG-100D1-001/B400-SIS-001	MARSHALLING PCS	2C X 2.5	Control	14.1 [0.555"]	RM 30 10-25 [0.394"-0.984"]
A1:18	85001-CEC	LV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:17	82014-CEC	NER	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:16	82013-CEC	LV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:15	82012-CEC	LCP GIS	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:14	82011-CEC	LCP GIS	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:13	82010-CEC	LCP GIS	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:12	81013-CEC	LCP GIS	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:11	81012-CEC	LCP GIS	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:10	81008-CEC	66kV, 7MVA Transformer Step-up AVR	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:9	81007-CEC	66kV, 7MVA Transformer	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:8	81006-CEC	66kV, 7MVA Transformer	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7	81005-CEC	66kV, 7MVA Transformer	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:6	81004-CEC	66kV, 7MVA Transformer	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:5	81003-CEC	66kV, 7MVA Transformer	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:4	82006-CEC	BESS UCP	4C X 4	Control	15.4 [0.606"]	RM 30 10-25 [0.394"-0.984"]
A1:3	82002-CEC	66/6.6 kV, 7MVA Transformer	4C X 4	Control	15.4 [0.606"]	RM 30 10-25 [0.394"-0.984"]
A1:2	82001-CEC	LCP GIS	4C X 4	Control	15.4 [0.606"]	RM 30 10-25 [0.394"-0.984"]
A1:1	81002-CEC	66kV, 7MVA Transformer	4C X 4	Control	15.4 [0.606"]	RM 30 10-25 [0.394"-0.984"]


MODULE WITH PIPE

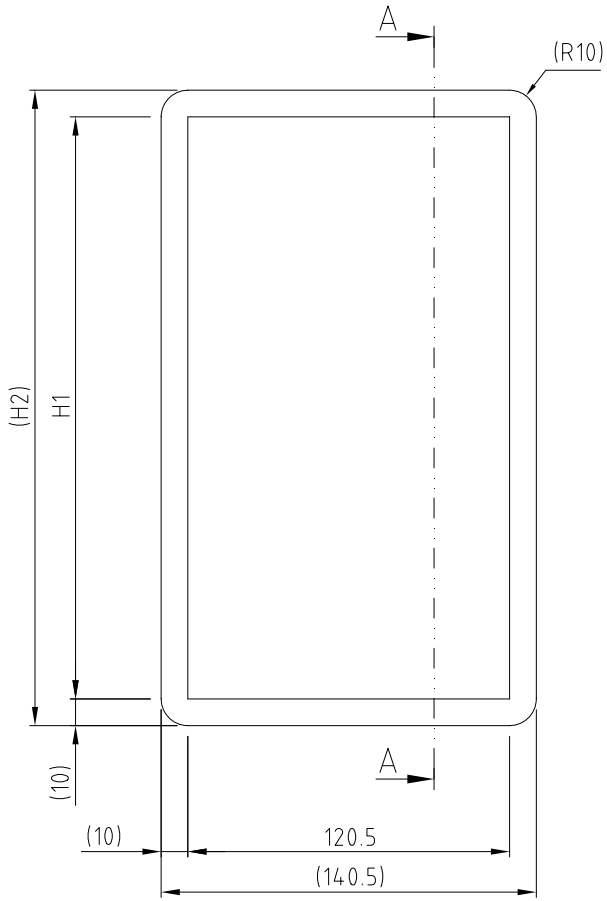

MODULE WITH CABLE

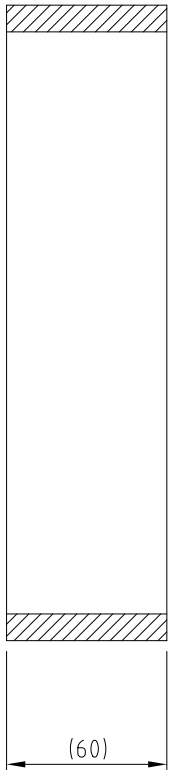

SPARE MODULE


SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: MV SWGR - ROS Location/ Sublocation		TotWeight: 8.1 [17.87]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-B6		Sheet No: 3/3
	Client		Drawing number		Rev

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

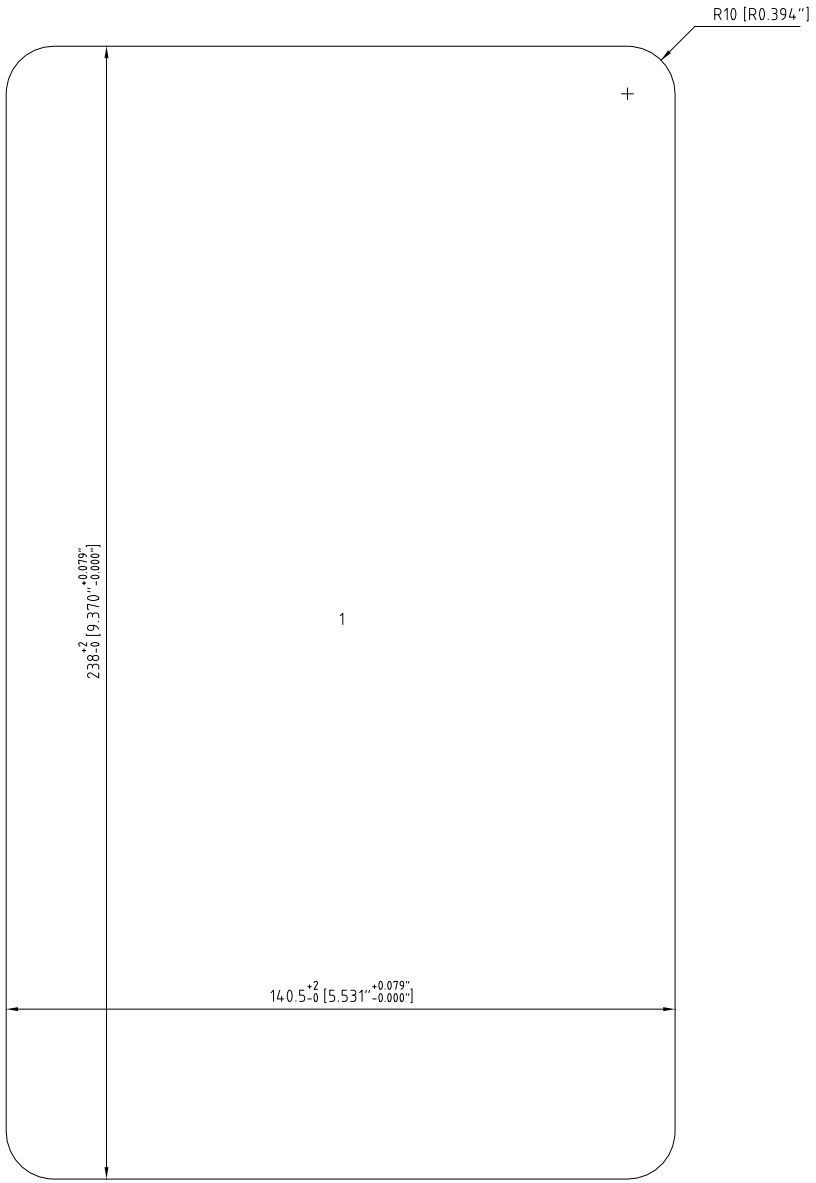
Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

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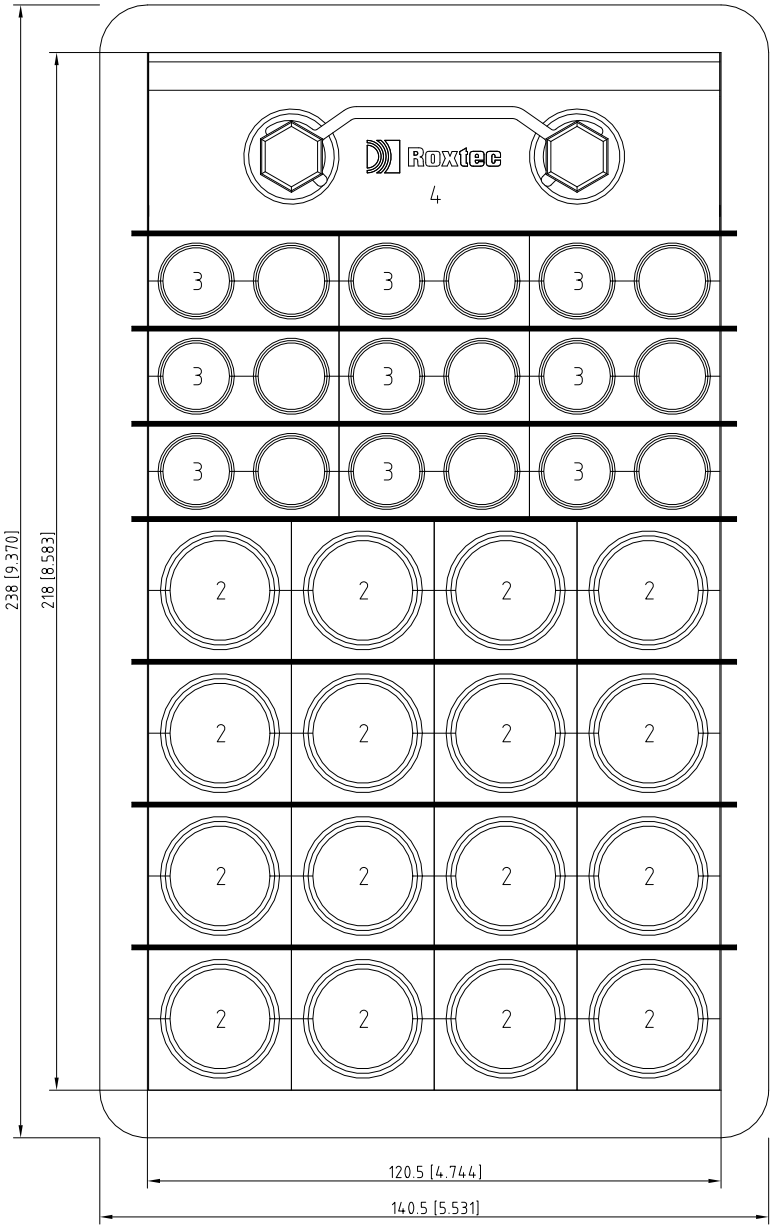
Cutout Detail

Frame: S 6x1 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-11	Modify Date: 2024-07-22	Project: MV SWGR - ROS Location/ Sublocation		TotWeight: 6.9 [15.17]
Roxtec	Format: NTS		Transit name: SG100D1-MCT-B7		Sheet No: 1/3
	Client		Drawing number		Rev

CUTOUT TO FIT SOLUTION WELDING, 140.5x238 [5.531"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
5	7	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
4	1	Wedge 120 galv	ARW0001201018	0.8 [1.76]
3	9	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	16	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
1	1	S 6x1 PRIMED	S006000000112	3.4 [7.50]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-11	2024-07-22	MV SWGR - ROS Location/ Sublocation	6.9 [15.17]
Roxtec	Format NTS		Transit name SG100D1-MCT-B7	Sheet No 2/3
	Client		Drawing number	Rev

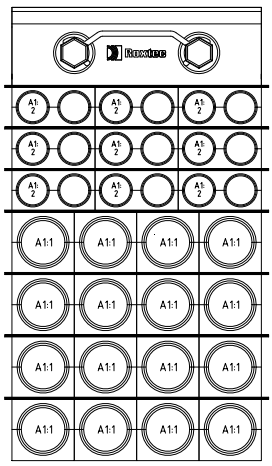
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A1

A1



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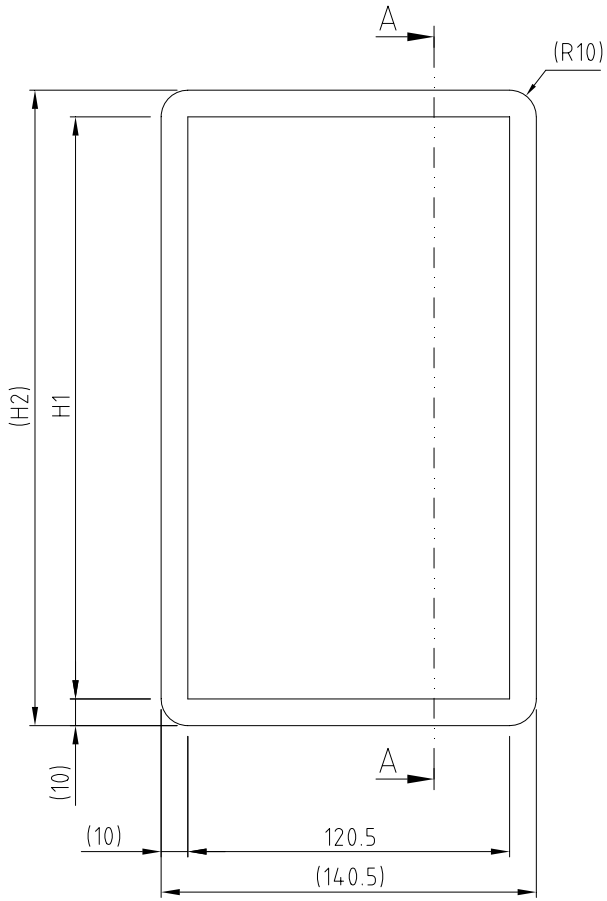
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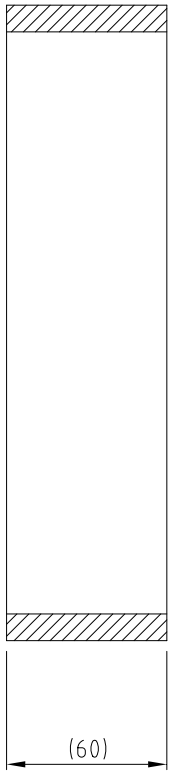
A1:2						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:1						RM 30 10-25 [0.394"-0.984"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-11	Modify Date: 2024-07-22	Project: MV SWGR - ROS		TotWeight: 6.9 [15.17]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/3
	Client		Transit name: SG100D1-MCT-B7	Drawing number	Rev

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A – A

TYPE	H1 (mm)	H2 (mm)
S 2x1	101	121
S 4x1	159.5	179.5
S 6x1	218	238
S 8x1	278	298

Item	Qty	Designation	Specification	Net Weight

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TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

Designed by	J HELLKVIST
Date	2003-11-03
General tolerance	DIN ISO 2768-1/2-m/K
Welded details	EN ISO 5817-B, EN ISO 10042-B
General surface roughness, Ra 12,5	
Tot Weight	–
Checked by	S MILTON
Format	A3
Title	S FRAME
	SINGLE FRAME
Projection method	
Approved by	S MILTON
Scale	1:2
Restricted due to	INFORMATION DRAWING
Drawing number	S1005518
Rev	A

Rev	Type of revision	Date	Sign
A	NEW LAYOUT/TITLE BLOCK	2006-12-21	R PETERSSON

SG-200N1- LV SWITCHGEAR MCT

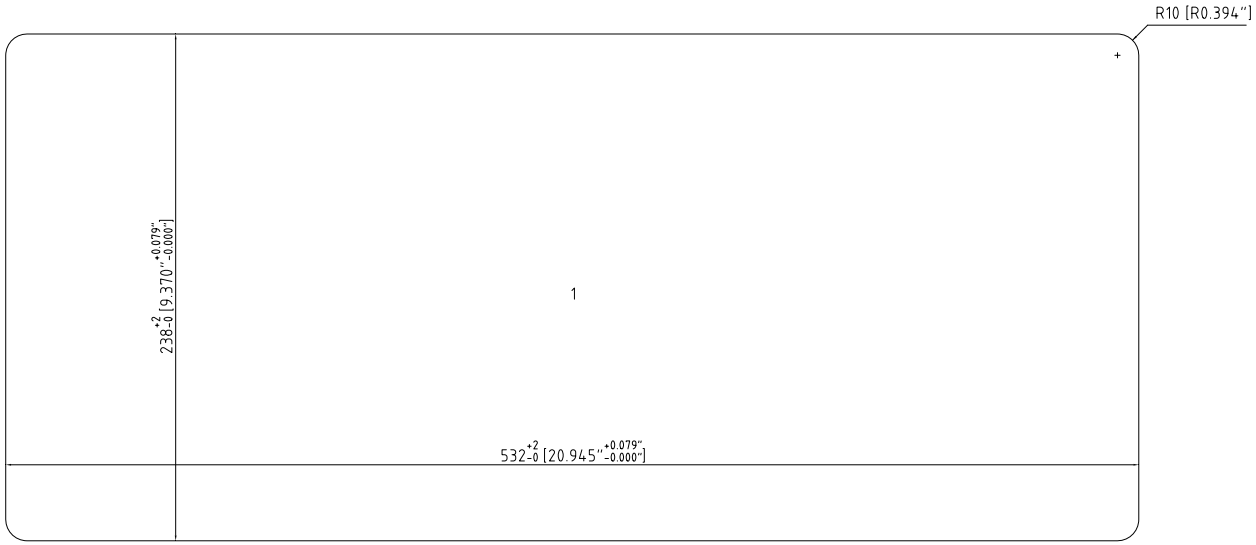
(THE FRAMES ARE BY VENDOR SCOPE AND FIXED ON VENDOR EQUIPMENT)

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Cutout Detail

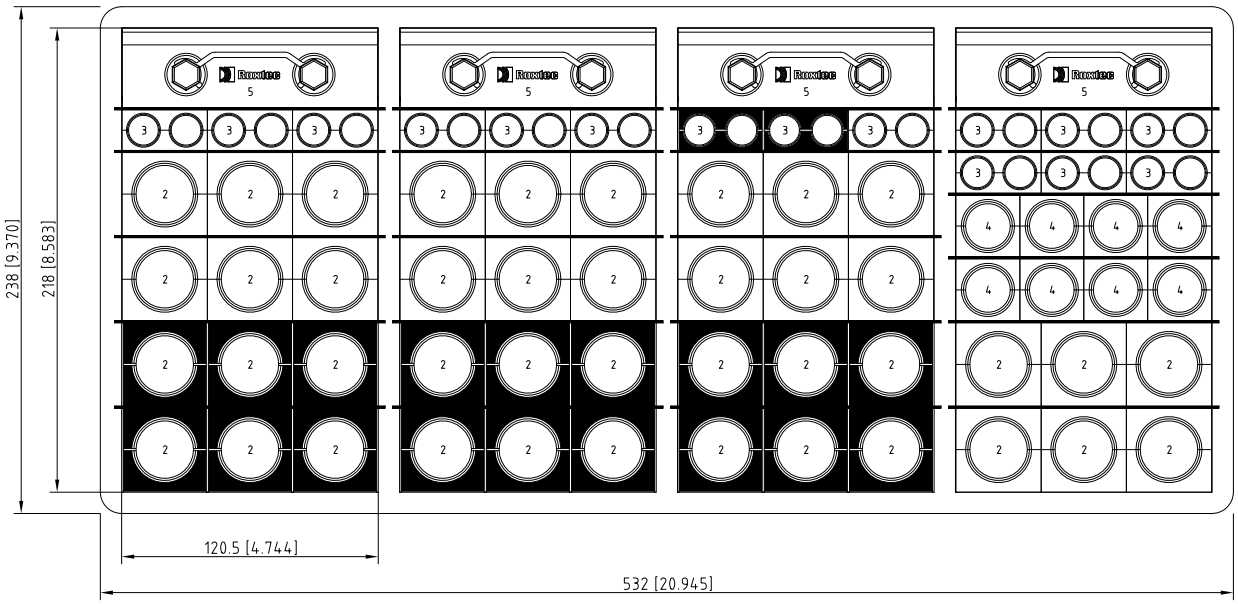
Frame: S 6x4 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	LV SWGR-ROS Location/ Sublocation	23.2 [51.10]
	Format: NTS		Transit name: SG200N1-MCT-A1a	Sheet No: 1/3
	Client		Drawing number	Rev

Roxtec

CUTOUT TO FIT SOLUTION WELDING, 532x238 [20.945"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	21	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	4	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	8	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
3	15	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	42	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x4 PRIMED	S006000000412	10.1 [22.27]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	LV SWGR-ROS Location/ Sublocation	23.2 [51.10]
	Format NTS		Transit name SG200N1-MCT-A1a	Sheet No 2/3
	Client		Drawing number	Rev

Roxtec

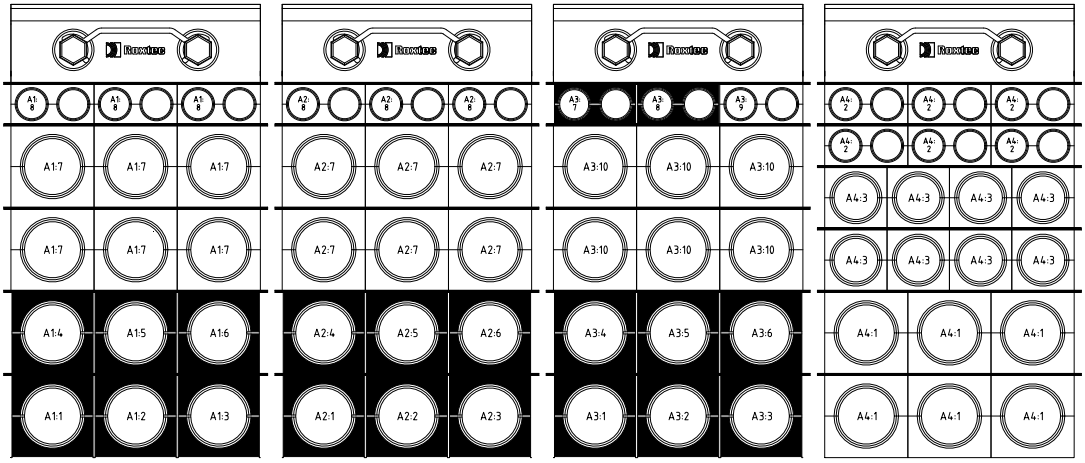
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A1 A2 A3 A4

A1 A2 A3 A4



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A4:3						RM 30 10-25 [0.394"-0.984"]
A4:2						RM 20W40 3.5-16.5 [0.138"-0.650"]
A4:1						RM 40 21.5-34.5 [0.846"-1.358"]
A3:10						RM 40 21.5-34.5 [0.846"-1.358"]
A3:9						RM 20W40 3.5-16.5 [0.138"-0.650"]
A3:8	83120-CEL	Auxiliary LV	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A3:7	82013-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A3:6	83001-CEL-3-N	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A3:5	83001-CEL-3-L3	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A3:4	83001-CEL-3-L2	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A3:3	83001-CEL-3-L1	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A3:2	83001-CEL-2-N	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A3:1	83001-CEL-2-L3	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:8						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:7						RM 40 21.5-34.5 [0.846"-1.358"]
A2:6	83001-CEL-5-L3	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:5	83001-CEL-5-L2	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:4	83001-CEL-5-L1	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:3	83001-CEL-2-L2	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:2	83001-CEL-2-L1	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A2:1	83001-CEL-1-N	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:8						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7						RM 40 21.5-34.5 [0.846"-1.358"]
A1:6	83001-CEL-4-L3	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:5	83001-CEL-4-L2	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:4	83001-CEL-4-L1	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	83001-CEL-1-L3	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	83001-CEL-1-L2	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	83001-CEL-1-L1	6.6/0.415 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

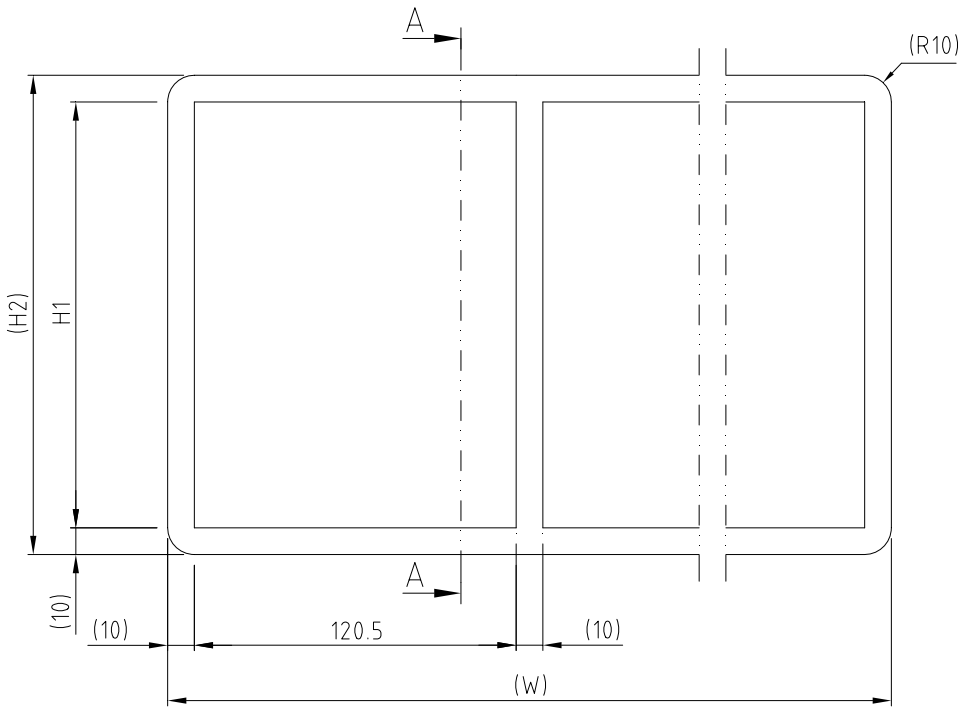
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

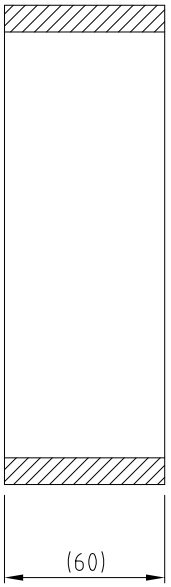
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: LV SWGR-ROS Location/ Sublocation	TotWeight: 23.2 [51.10]
Roxtec	Format: NTS		Transit name: SG200N1-MCT-A1a	Sheet No: 3/3
	Client	Drawing number		Rev

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

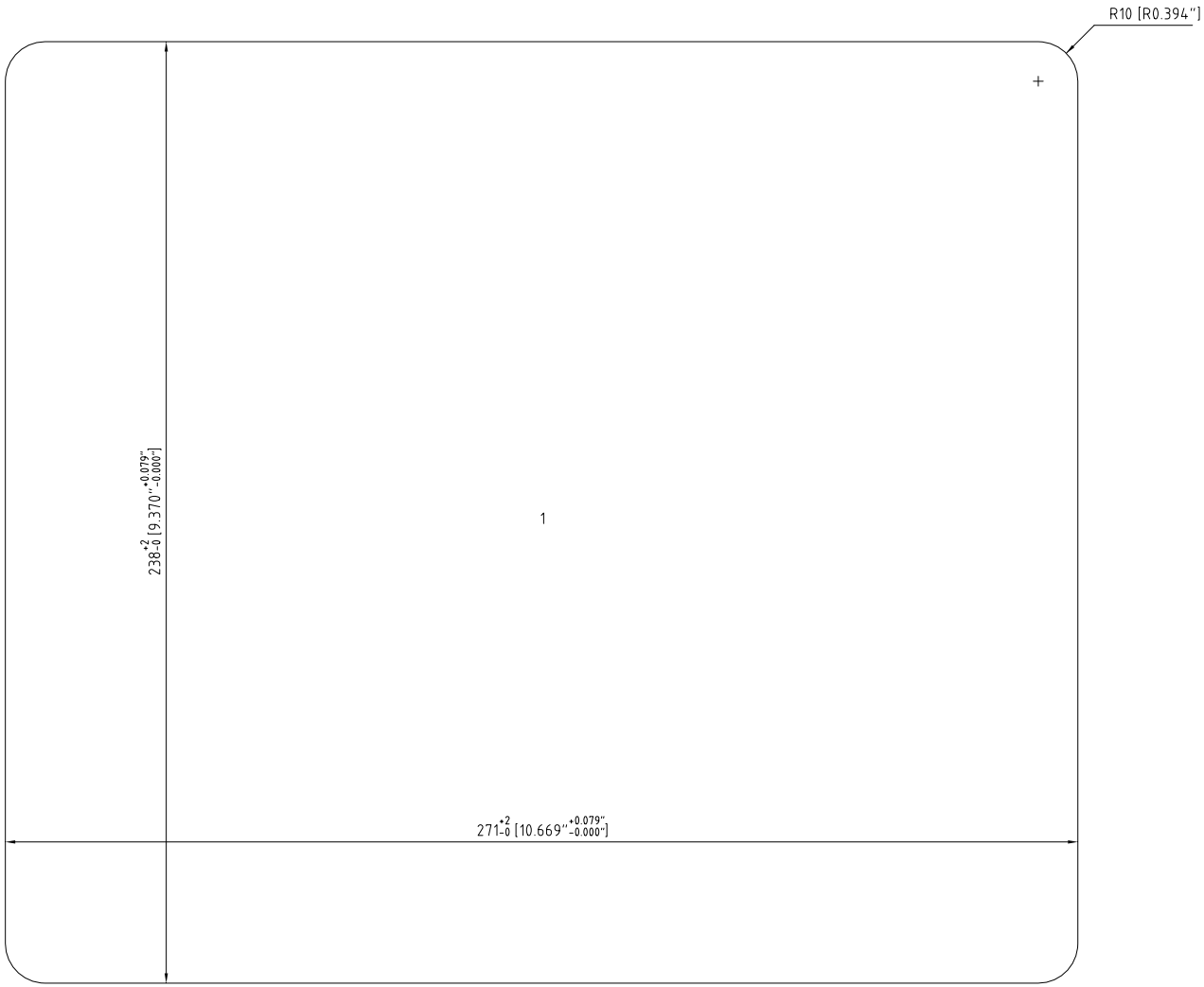
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

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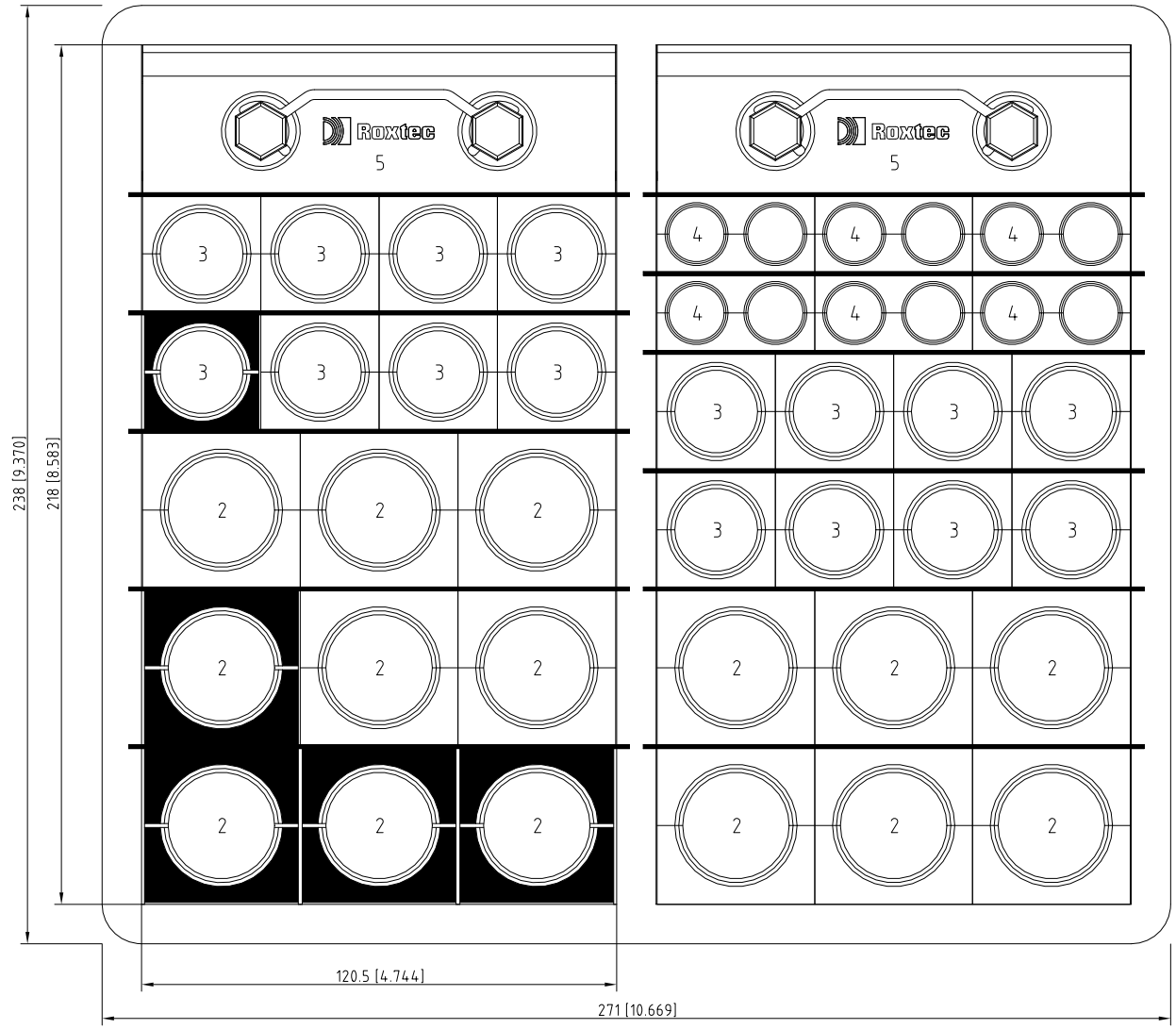
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	LV SWGR-ROS Location/ Sublocation	12.2 [26.92]
Roxtec	Format NTS		Transit name SG200N1-MCT-A1b	Sheet No 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	11	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	6	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
3	16	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
2	15	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: LV SWGR-ROS Location/ Sublocation	TotWeight: 12.2 [26.92]
Roxtec	Format: NTS		Transit name: SG200N1-MCT-A1b	Sheet No: 2/3
	Client		Drawing number	Rev

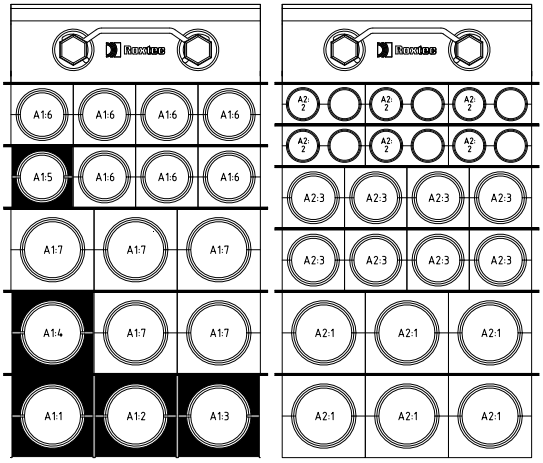
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A1 A2

A1 A2



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A2:3						RM 30 10-25 [0.394"-0.984"]
A2:2						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:1						RM 40 21.5-34.5 [0.846"-1.358"]
A1:7						RM 40 21.5-34.5 [0.846"-1.358"]
A1:6						RM 30 10-25 [0.394"-0.984"]
A1:5	83013-CEL-E	Electrolyser Auxiliary load	1C X 150	PE	17.7 [0.697"]	RM 30 10-25 [0.394"-0.984"]
A1:4	83013-CEL-N	Electrolyser Auxiliary load	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	83013-CEL-L3	Electrolyser Auxiliary load	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	83013-CEL-L2	Electrolyser Auxiliary load	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	83013-CEL-L1	Electrolyser Auxiliary load	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

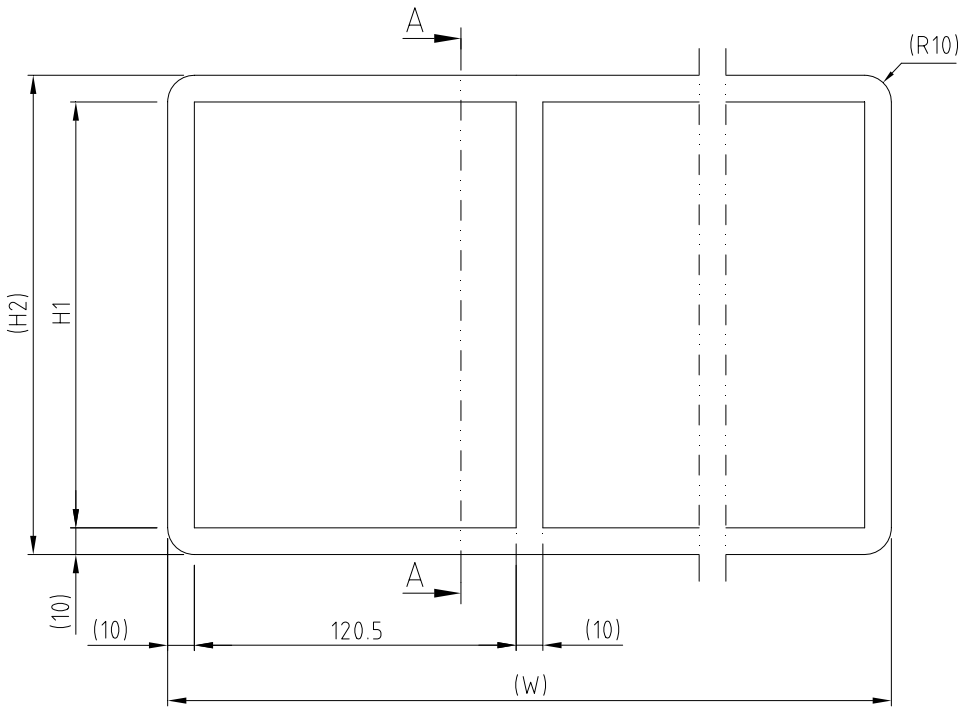
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

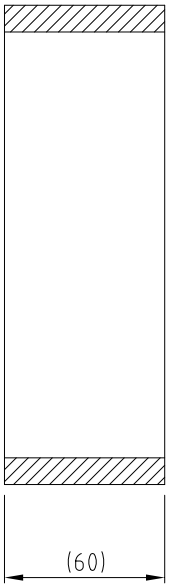
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: LV SWGR-ROS Location/ Sublocation	TotWeight: 12.2 [26.92]
Roxtec	Format: NTS		Transit name: SG200N1-MCT-A1b	Sheet No: 3/3
	Client	Drawing number		Rev

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

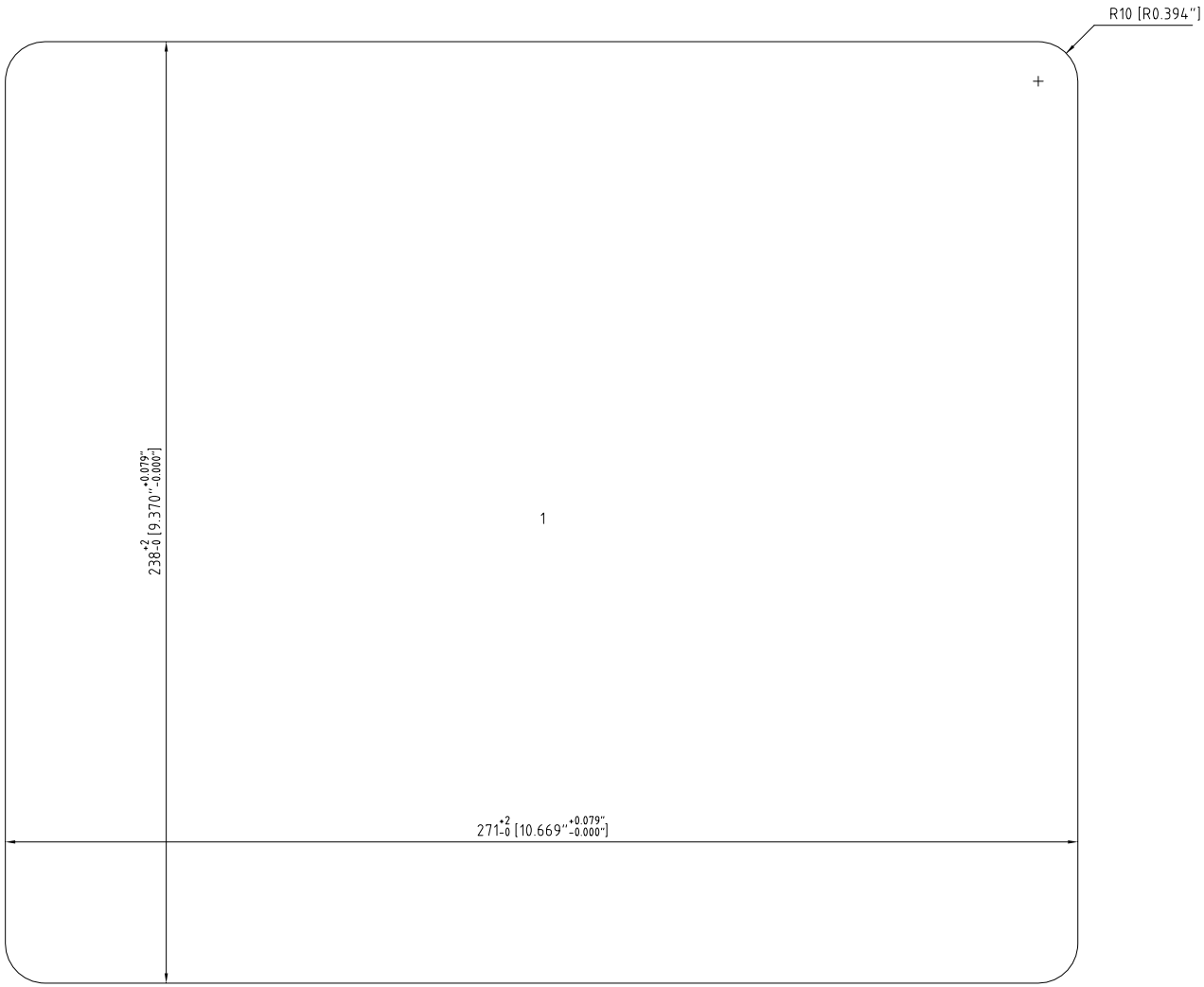
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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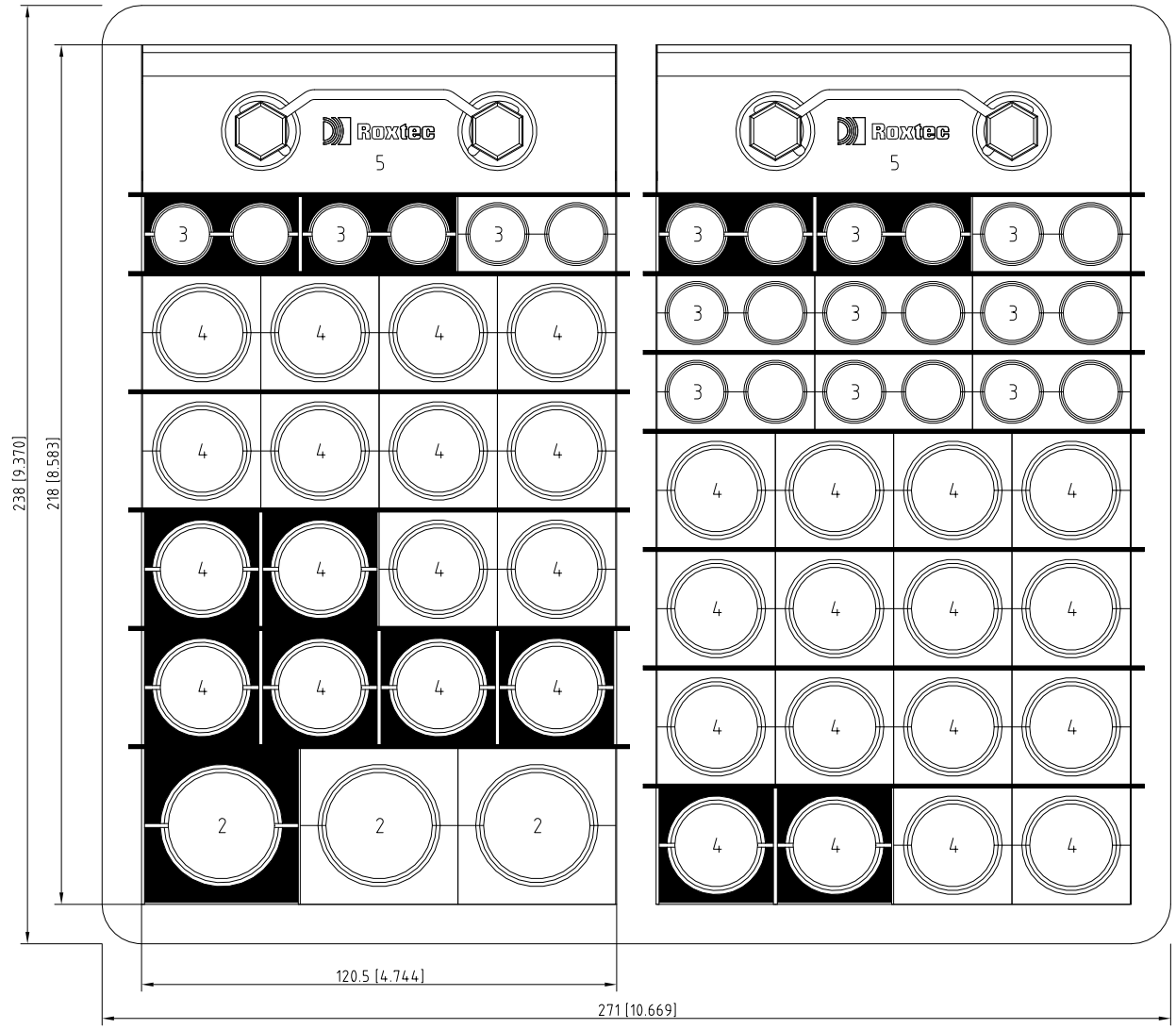
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: LV SWGR-ROS Location/ Sublocation	TotWeight: 12.5 [27.45]
Roxtec	Format: NTS		Transit name: SG200N1-MCT-A2	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	13	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	32	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
3	12	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	3	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	LV SWGR-ROS Location/ Sublocation	12.5 [27.45]
Roxtec	Format NTS		Transit name SG200N1-MCT-A2	Sheet No 2/3
	Client		Drawing number	Rev

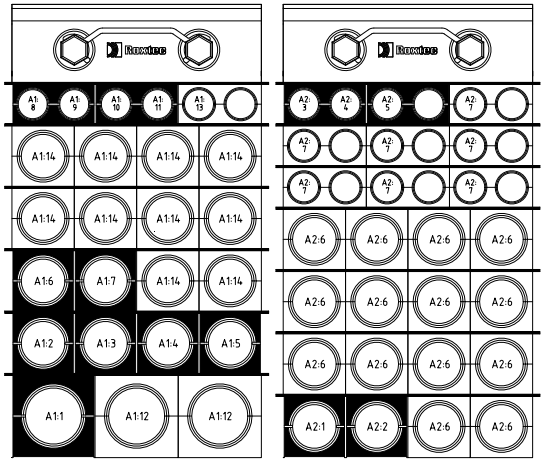
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A1 A2

A1 A2



A2:7						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:6						RM 30 10-25 [0.394"-0.984"]
A2:5	SG-200N1/B400-EMCS-001.03	EMCS SYSTEM	CAT.6A 4x2xAWG23	Comm.	10.7 [0.421"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:4	SG-200N1/B400-EMCS-001.02	EMCS SYSTEM	CAT.6A 4x2xAWG23	Comm.	10.7 [0.421"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:3	SG-200N1/B400-EMCS-001.01	EMCS SYSTEM	CAT.6A 4x2xAWG23	Comm.	10.7 [0.421"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:2	SG-200N1-002/B400-SIS-001	MARSHALLING PCS	2C X 2.5	Control	14.1 [0.555"]	RM 30 10-25 [0.394"-0.984"]
A2:1	SG-200N1-001/B400-SIS-001	MARSHALLING PCS	2C X 2.5	Control	14.1 [0.555"]	RM 30 10-25 [0.394"-0.984"]
A1:14						RM 30 10-25 [0.394"-0.984"]
A1:13						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:12						RM 40 21.5-34.5 [0.846"-1.358"]
A1:11	83127-CEC	Lighting & Small Power DB BoP	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:10	83126-CEC	Lighting & Small Power DB BoP	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:9	83125-CEC	Lighting & Small Power DB BoP	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:8	83016-CEC	LV SWBD 800/460V	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7	83010-CEL-N	Temporary Generator / Mobile Battery Pack	1C X 95	Power	17.3 [0.681"]	RM 30 10-25 [0.394"-0.984"]
A1:6	83010-CEL-L3	Temporary Generator / Mobile Battery Pack	1C X 95	Power	17.3 [0.681"]	RM 30 10-25 [0.394"-0.984"]
A1:5	83010-CEL-L2	Temporary Generator / Mobile Battery Pack	1C X 95	Power	17.3 [0.681"]	RM 30 10-25 [0.394"-0.984"]
A1:4	83010-CEL-L1	Temporary Generator / Mobile Battery Pack	1C X 95	Power	17.3 [0.681"]	RM 30 10-25 [0.394"-0.984"]
A1:3	84318-CEL	AC UPS - PAS DB	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:2	83010-CEL-PE	Temporary Generator / Mobile Battery Pack	1C X 95	Power	14.5 [0.571"]	RM 30 10-25 [0.394"-0.984"]
A1:1	83031-CEL	AC UPS F&G - 8h - Line A	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[*])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: LV SWGR-ROS	Location/ Sublocation:	TotWeight: 12.5 [27.45]
Roxtec	Format: NTS		Transit name: SG200N1-MCT-A2		Sheet No: 3/3
	Client:		Drawing number:		Rev:

Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

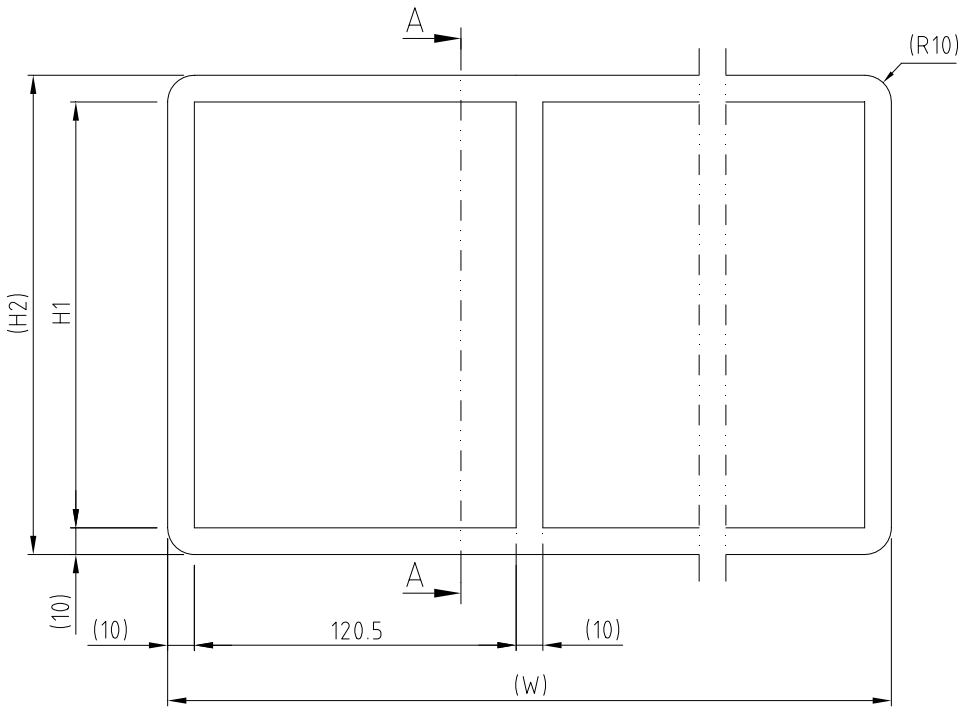
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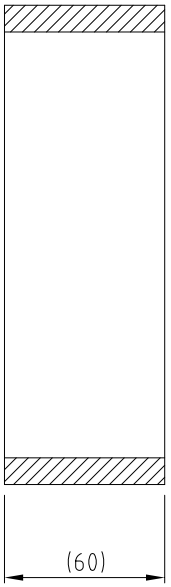
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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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TEL: +46 455 366700 FAX: +46 455 82012

Roxtec

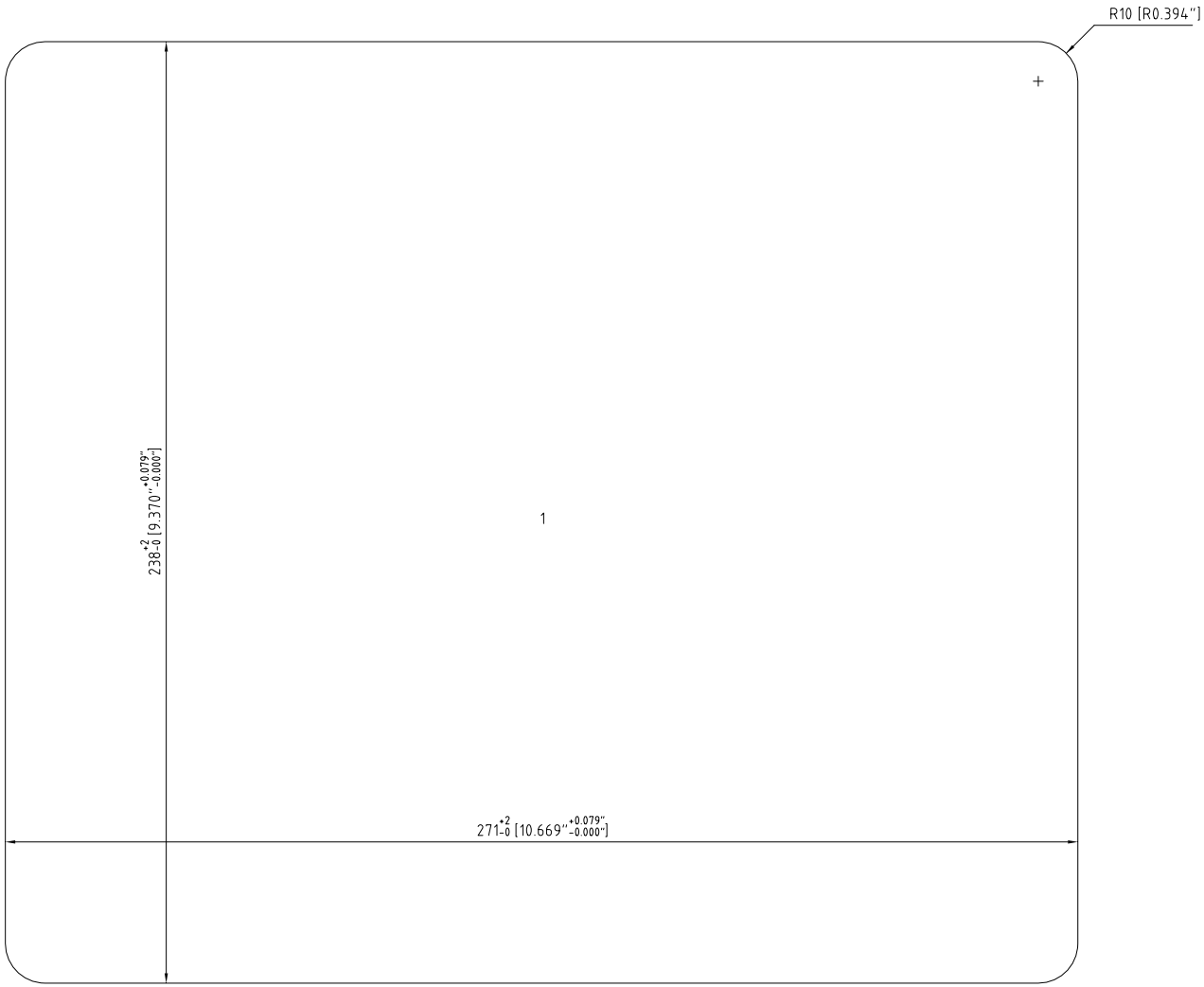
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

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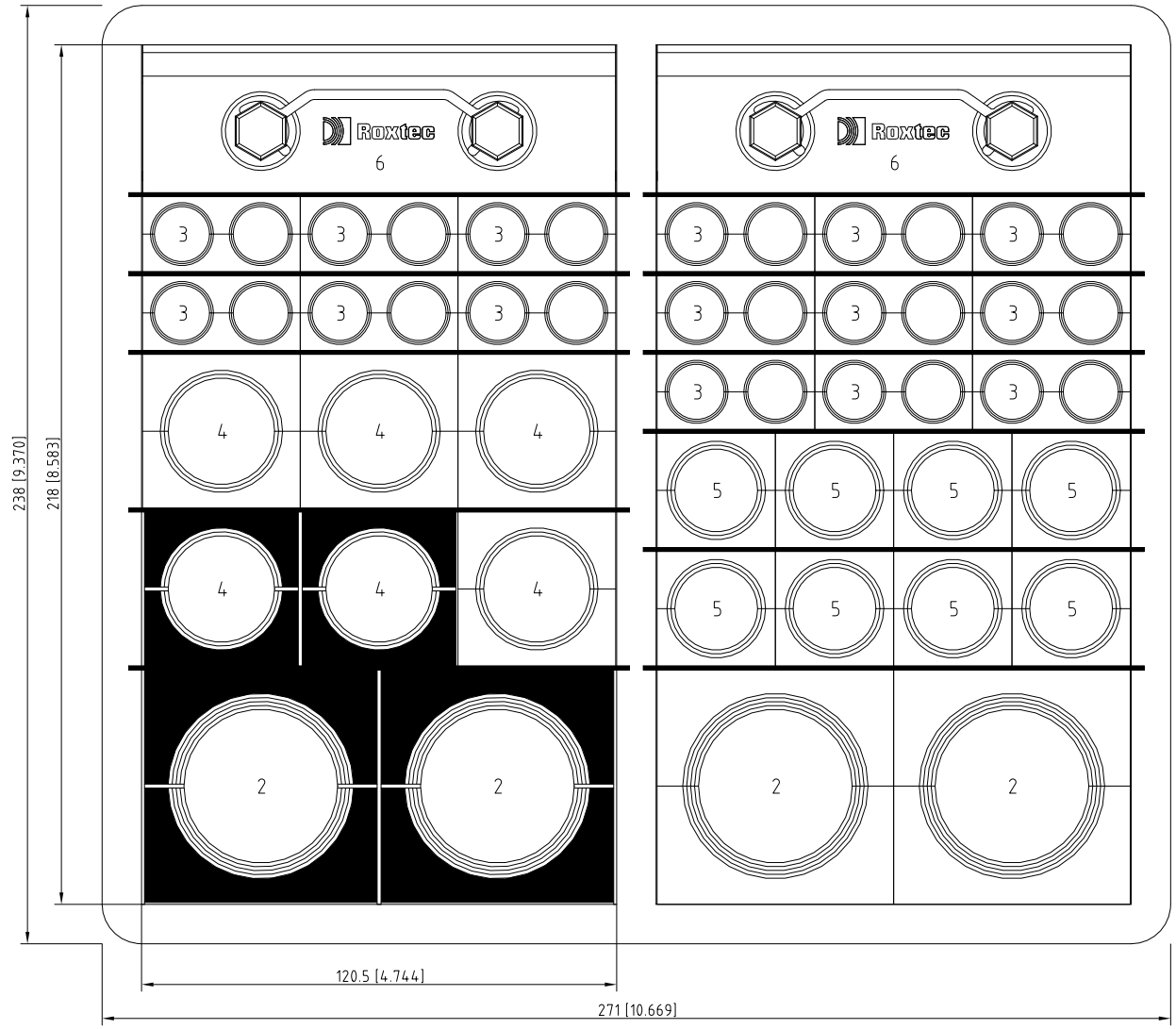
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	LV SWGR-ROS Location/ Sublocation	12.3 [27.03]
	Format: NTS		Transit name: SG200N1-MCT-A3	Sheet No: 1/3
Roxtec	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
7	11	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
6	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
5	8	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
4	6	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
3	15	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	4	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	LV SWGR-ROS Location/ Sublocation	12.3 [27.03]
Roxtec	Format NTS		Transit name SG200N1-MCT-A3	Sheet No 2/3
	Client		Drawing number	Rev

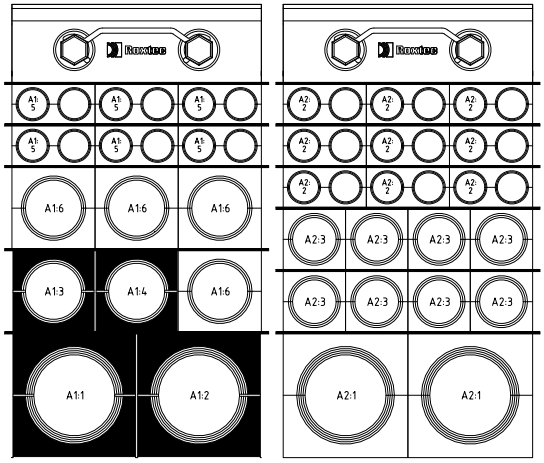
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A1 A2

A1 A2



Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A2:3						RM 30 10-25 [0.394"-0.984"]
A2:2						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:1						RM 60 28-54 [1.102"-2.126"]
A1:6						RM 40 21.5-34.5 [0.846"-1.358"]
A1:5						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:4	83030-CEL	AC UPS PAS - 30min - Bypass	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	83020-CEL	Crane	5G16	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	83043-CEL	DB - Lighting & Small Power - BoP	5G50	Power	35 [1.378"]	RM 60 28-54 [1.102"-2.126"]
A1:1	83016-CEL	Water Package	5G70	Power	39.5 [1.555"]	RM 60 28-54 [1.102"-2.126"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

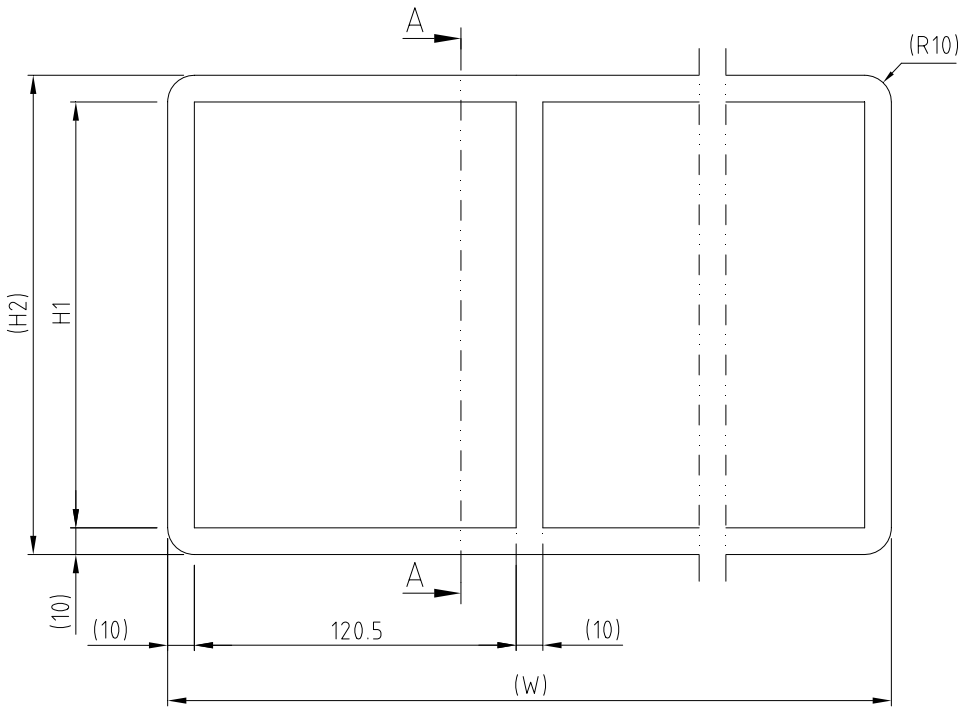
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

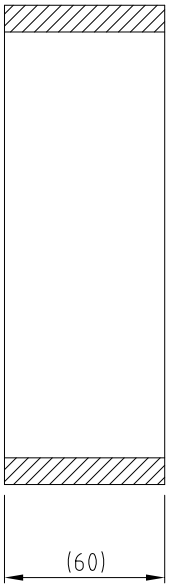
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: LV SWGR-ROS	Location/ Sublocation:	TotWeight: 12.3 [27.03]
Roxtec	Format: NTS		Transit name: SG200N1-MCT-A3		Sheet No: 3/3
	Client:		Drawing number:		Rev:

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

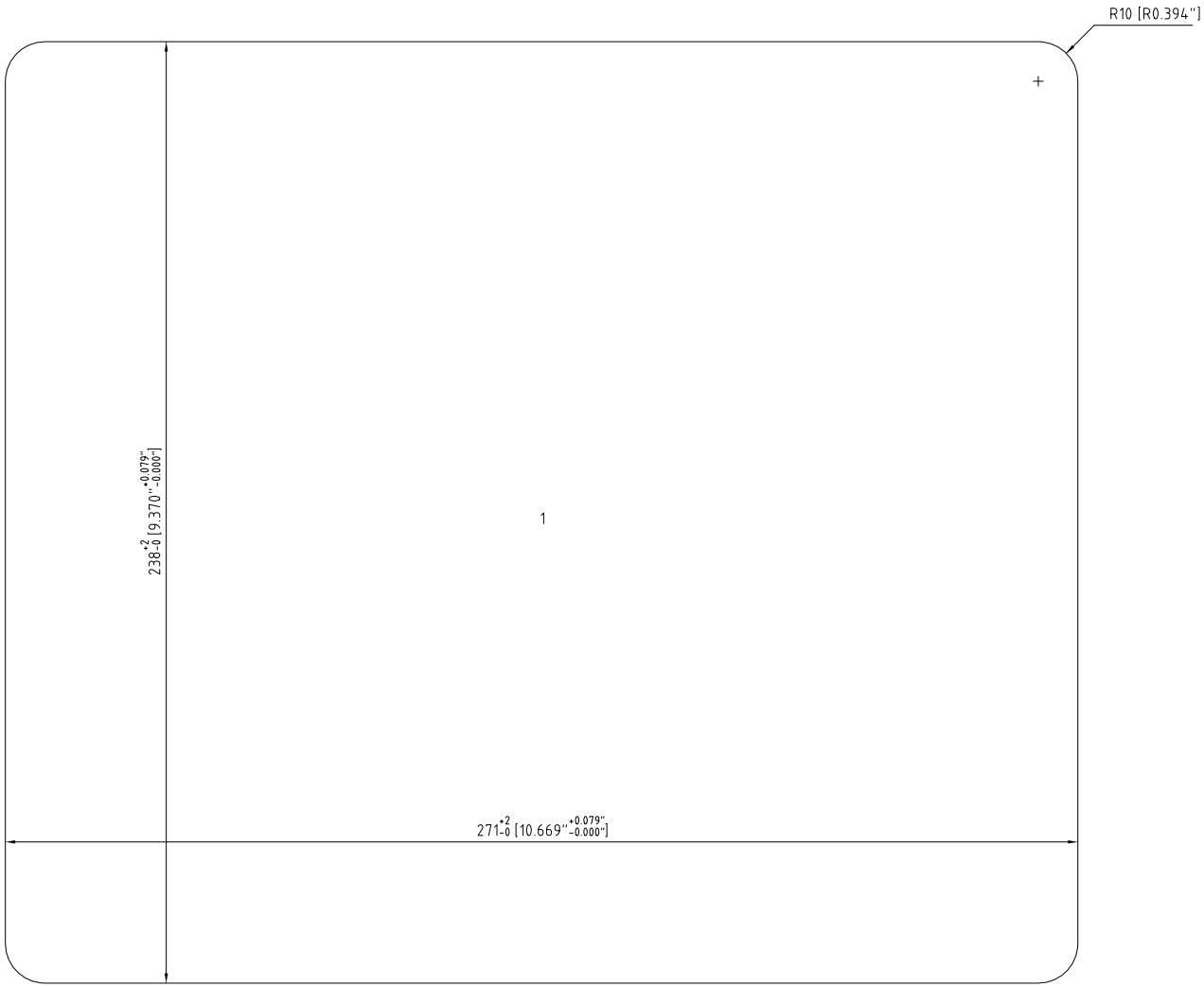
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

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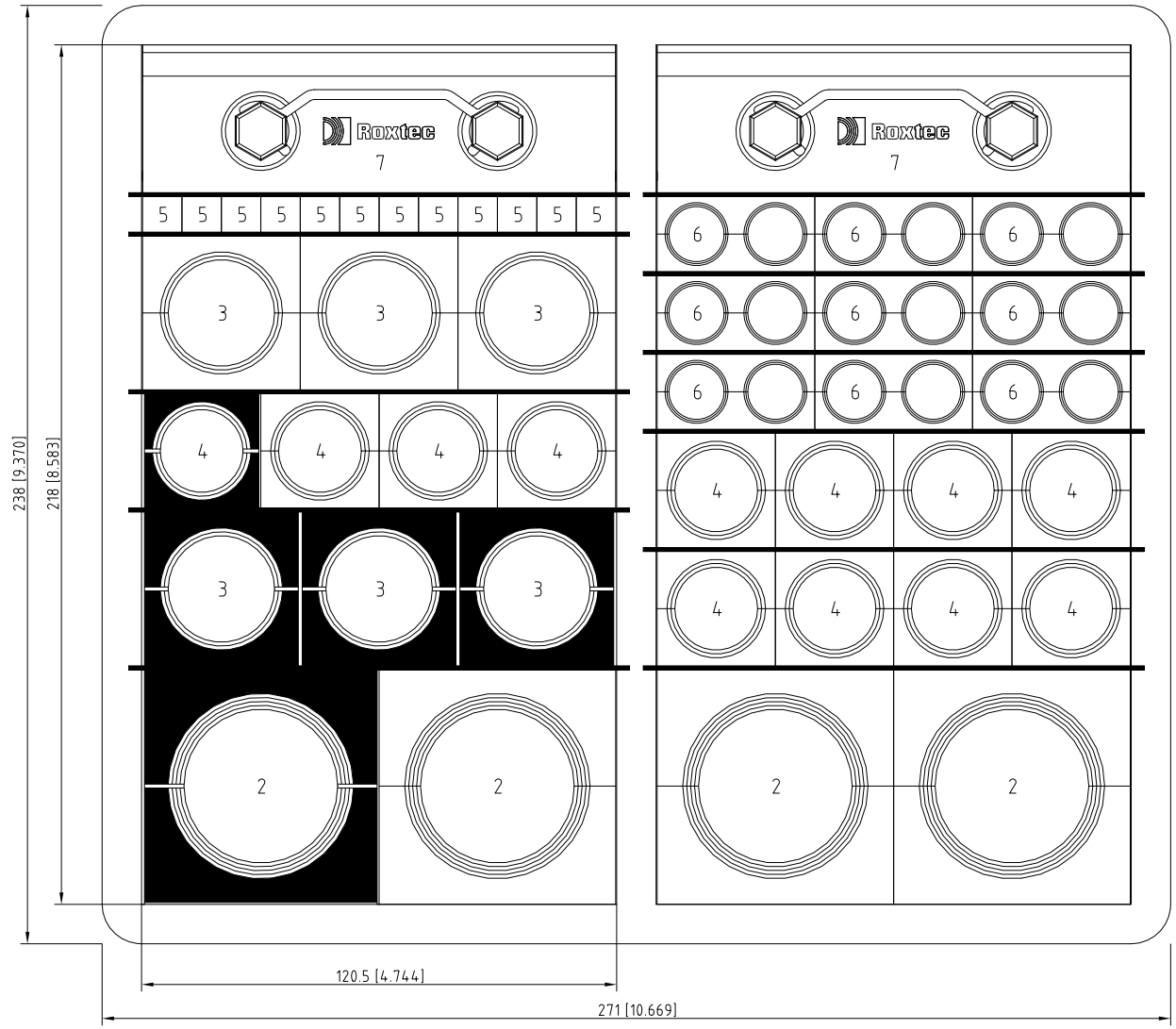
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH		Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: LV SWGR-ROS Location/ Sublocation	TotWeight: 13.4 [29.51]
Roxtec		Format: NTS		Transit name: SG200N1-MCT-A4	Sheet No: 1/3
		Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]



MODULE WITH PIPE | MODULE WITH CABLE | SPARE MODULE | SOLID MODULE

Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
8	11	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
7	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
6	9	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
5	1	RM 10/0x12	RM00310121000	0.1 [0.22]
4	12	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
3	6	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
2	4	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	LV SWGR-ROS Location/ Sublocation	13.4 [29.51]
Roxtec	Format NTS		Transit name SG200N1-MCT-A4	Sheet No 2/3
	Client		Drawing number	Rev

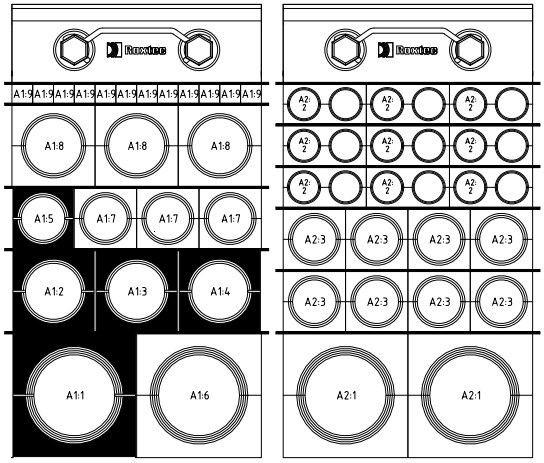
Drawing shows component layout according to design. Verification is needed to check if the configuration is valid for the application/certification intended.

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A1 A2

A1 A2



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A2:3						RM 30 10-25 [0.394"-0.984"]
A2:2						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:1						RM 60 28-54 [1.102"-2.126"]
A1:9						RM 10/0x12
A1:8						RM 40 21.5-34.5 [0.846"-1.358"]
A1:7						RM 30 10-25 [0.394"-0.984"]
A1:6						RM 60 28-54 [1.102"-2.126"]
A1:5	83011-CEL	BESS PCS Cabinet	4C X 10	Power	19.3 [0.760"]	RM 30 10-25 [0.394"-0.984"]
A1:4	83029-CEL	AC UPS PAS - 30min - Line B	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	83023-CEL	HVAC Panels - HV Room	5G16	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	83012-CEL	Fuel Cell Auxiliary Load	5G16	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	83017-CEL-1	Instrument Air Package	5G70	Power	39.5 [1.555"]	RM 60 28-54 [1.102"-2.126"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

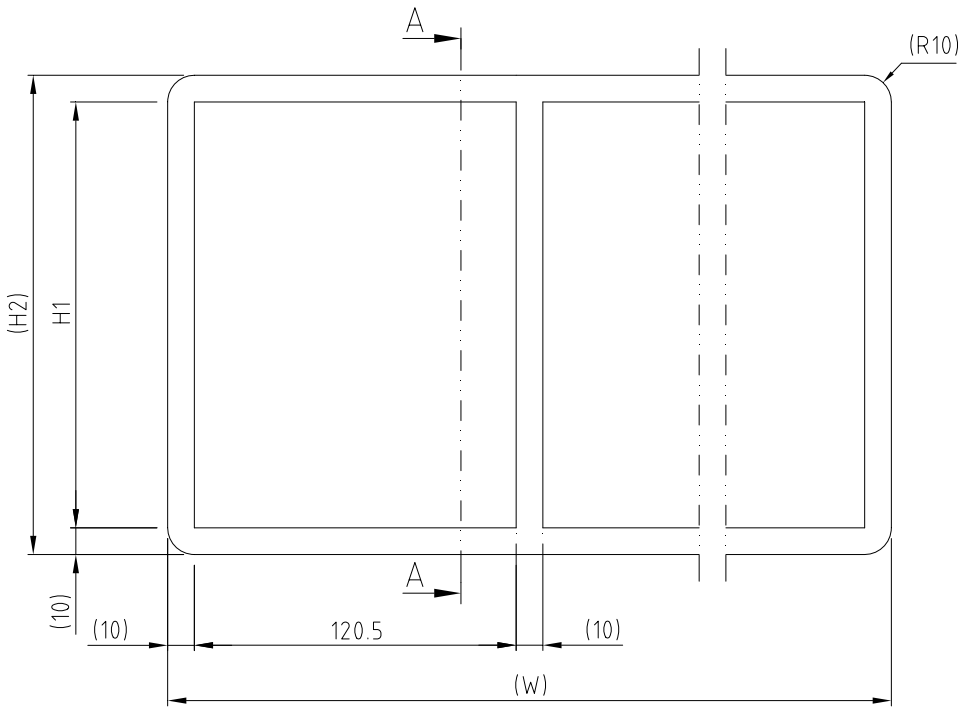
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

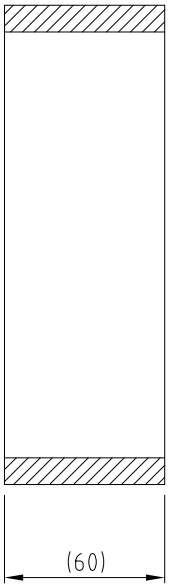
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: LV SWGR-ROS Location/ Sublocation	TotWeight: 13.4 [29.51]
Roxtec	Format: NTS		Transit name: SG200N1-MCT-A4	Sheet No: 3/3
	Client		Drawing number	Rev

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

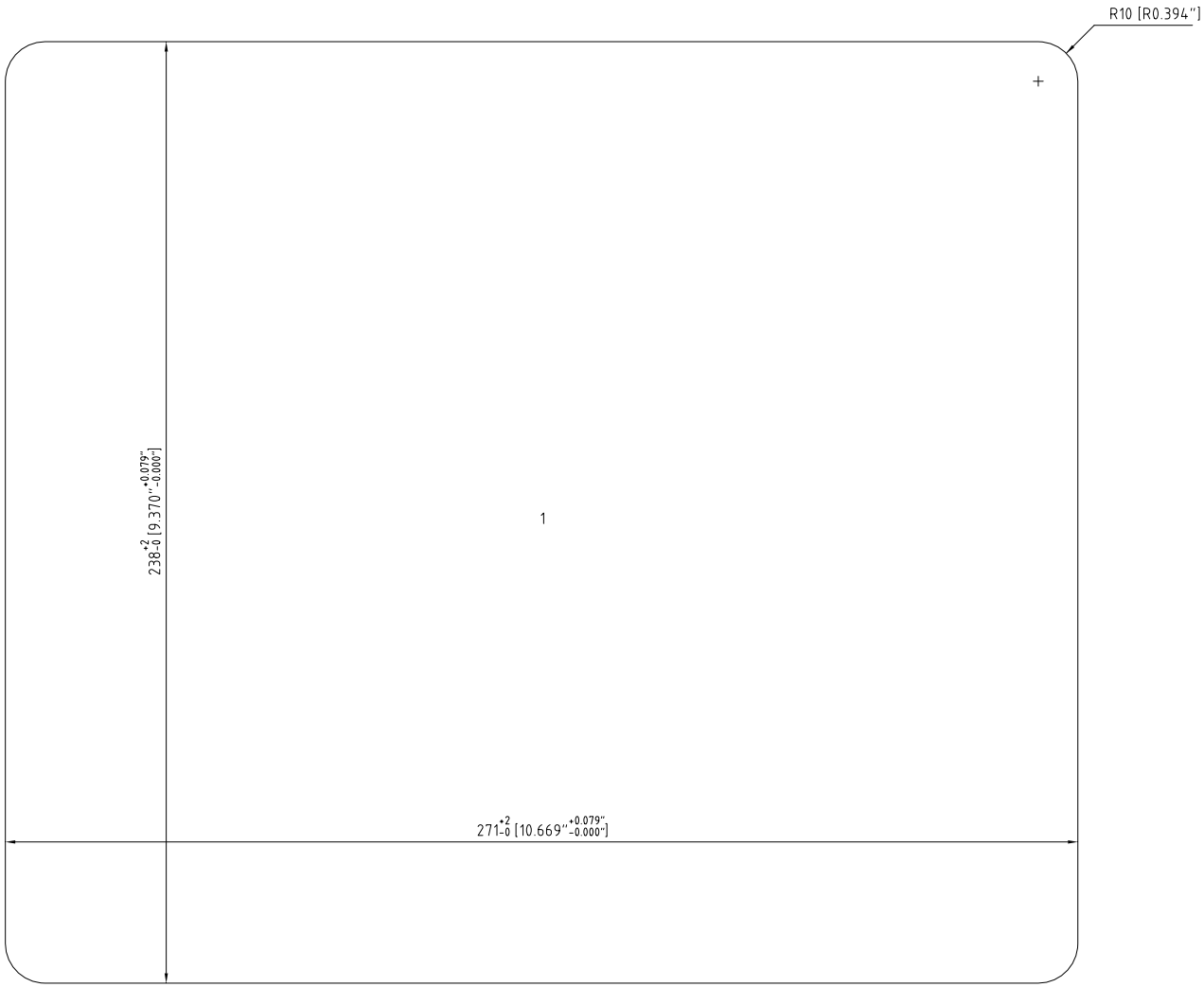
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

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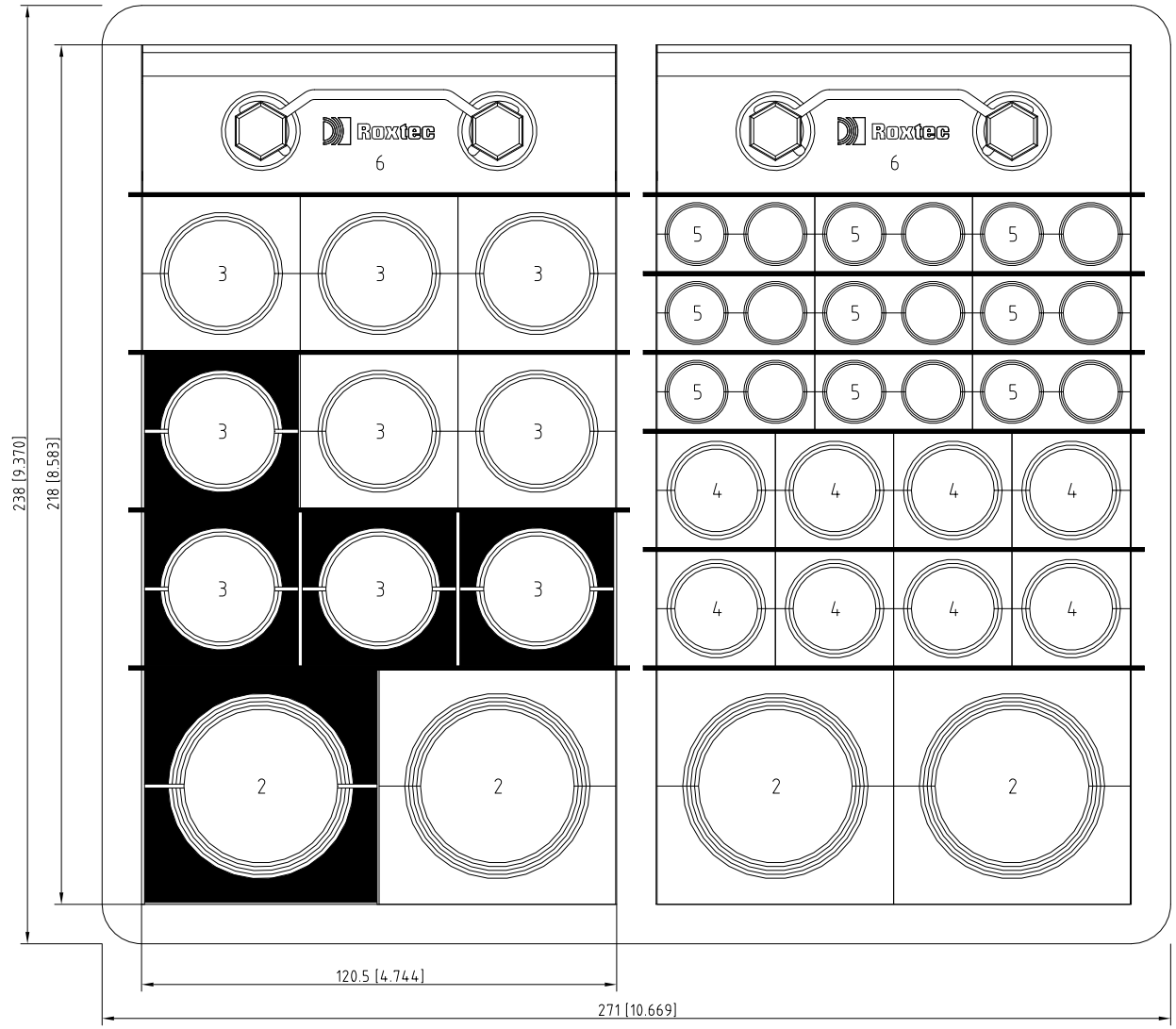
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	LV SWGR-ROS Location/ Sublocation	12.2 [26.79]
Roxtec	Format NTS		Transit name SG200N1-MCT-A5	Sheet No 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
7	10	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
6	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
5	9	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
4	8	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
3	9	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
2	4	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	LV SWGR-ROS Location/ Sublocation	12.2 [26.79]
Roxtec	Format NTS		Transit name SG200N1-MCT-A5	Sheet No 2/3
	Client		Drawing number	Rev

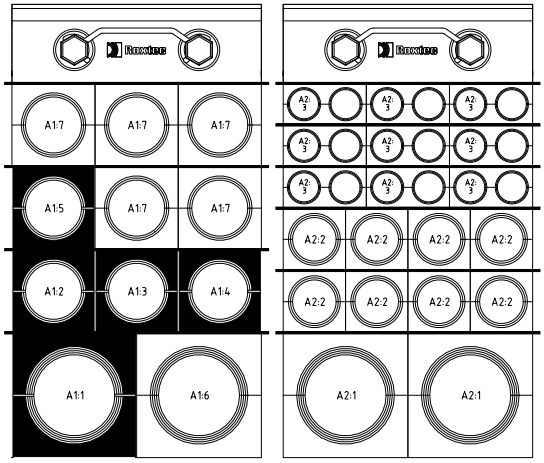
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A1 A2

A1 A2



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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[*])	Module Type
A2:3						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:2						RM 30 10-25 [0.394"-0.984"]
A2:1						RM 60 28-54 [1.102"-2.126"]
A1:7						RM 40 21.5-34.5 [0.846"-1.358"]
A1:6						RM 60 28-54 [1.102"-2.126"]
A1:5	83027-CEL	Impressed Current Cathodic Protection (ICCP) System	5G16	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:4	83026-CEL	HVAC panels - ITER	5G25	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	83025-CEL	HVAC panels - UPS Room	5G25	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	83024-CEL	Distribution & HVAC panel - LV Room	5G16	Power	24 [0.945"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	83017-CEL-2	Instrument Air Package	5G70	Power	39.5 [1.555"]	RM 60 28-54 [1.102"-2.126"]

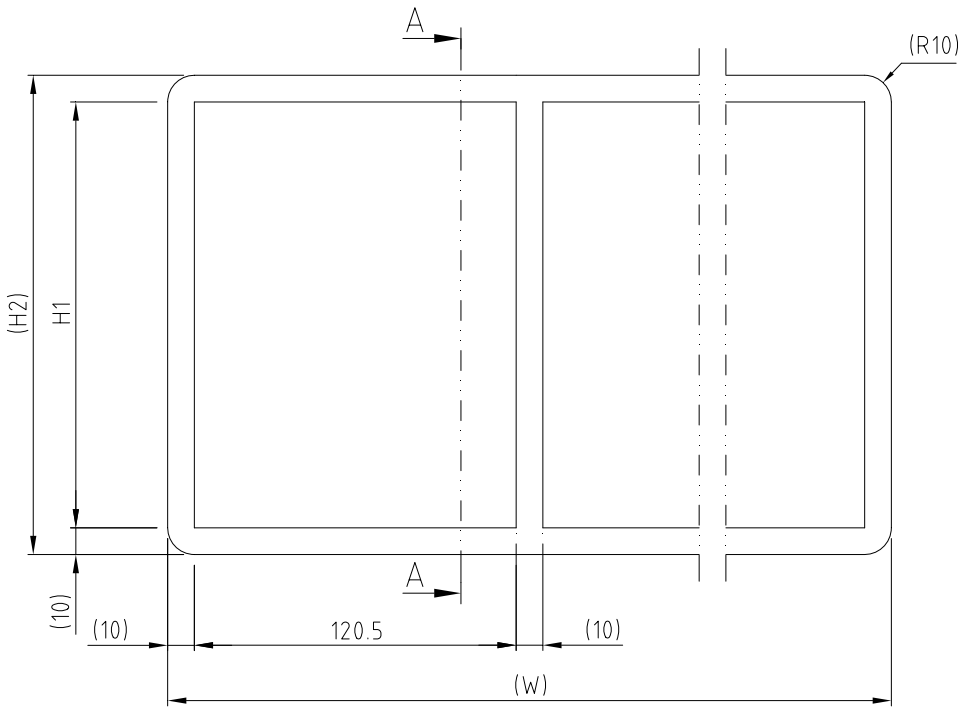
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

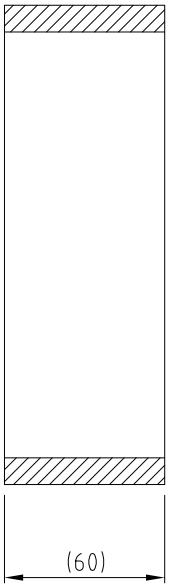
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: LV SWGR-ROS Location/ Sublocation	TotWeight: 12.2 [26.79]
Roxtec	Format: NTS		Transit name: SG200N1-MCT-A5	Sheet No: 3/3
	Client	Drawing number		Rev

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

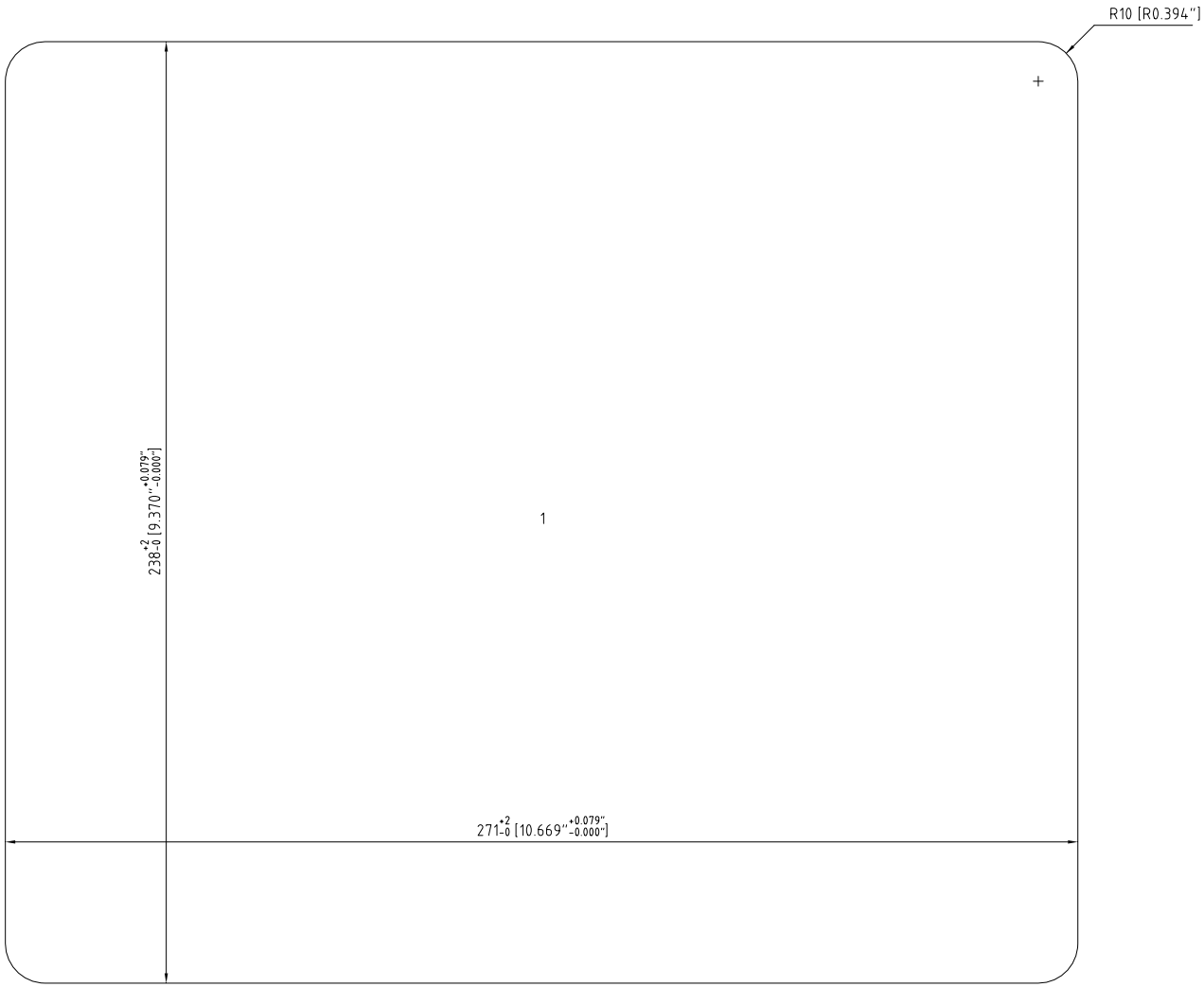
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

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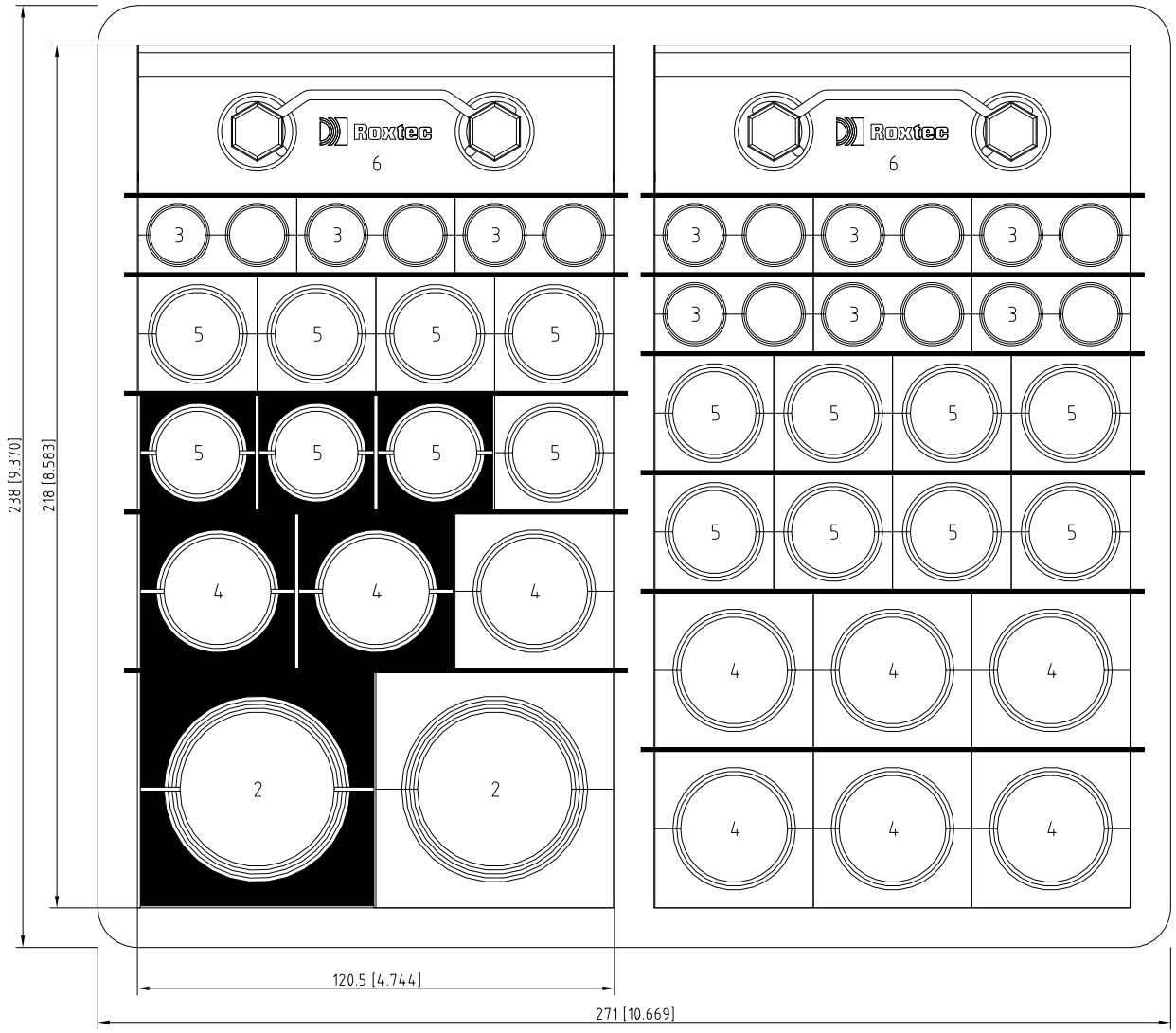
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	LV SWGR-ROS Location/ Sublocation	12.2 [26.98]
Roxtec	Format NTS		Transit name SG200N1-MCT-A6	Sheet No 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
7	11	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
6	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
5	16	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
4	9	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
3	9	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
2	2	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: LV SWGR-ROS Location/ Sublocation	TotWeight: 12.2 [26.98]
Roxtec	Format: NTS		Transit name: SG200N1-MCT-A6	Sheet No: 2/3
	Client		Drawing number	Rev

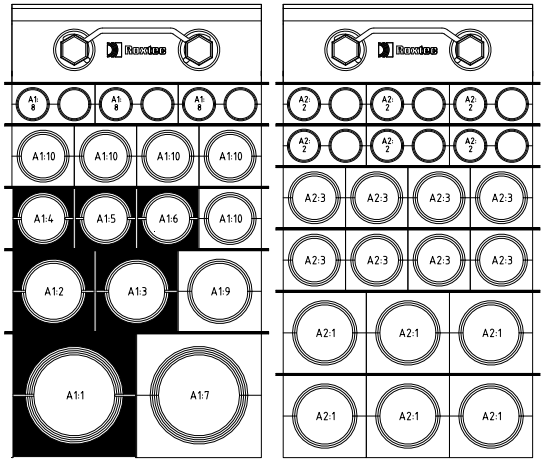
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A1 A2

A1 A2



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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type
A2:3						RM 30 10-25 [0.394"-0.984"]
A2:2						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:1						RM 40 21.5-34.5 [0.846"-1.358"]
A1:10						RM 30 10-25 [0.394"-0.984"]
A1:9						RM 40 21.5-34.5 [0.846"-1.358"]
A1:8						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7						RM 60 28-54 [1.102"-2.126"]
A1:6	83019-CEL	Sea water intake pump B	4G4	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:5	83015-CEL	BESS LV2 Cabinet (+DISTR 2)	4C X 10	Power	19.3 [0.760"]	RM 30 10-25 [0.394"-0.984"]
A1:4	83014-CEL	BESS LV1 Cabinet (+DISTR 1)	4C X 10	Power	19.3 [0.760"]	RM 30 10-25 [0.394"-0.984"]
A1:3	83033-CEL	AC UPS F&G - 8h - Bypass	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	83032-CEL	AC UPS F&G - 8h - Line B	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	83021-CEL	Welding Sockets (Top Deck) JB's	5G50	Power	35 [1.378"]	RM 60 28-54 [1.102"-2.126"]

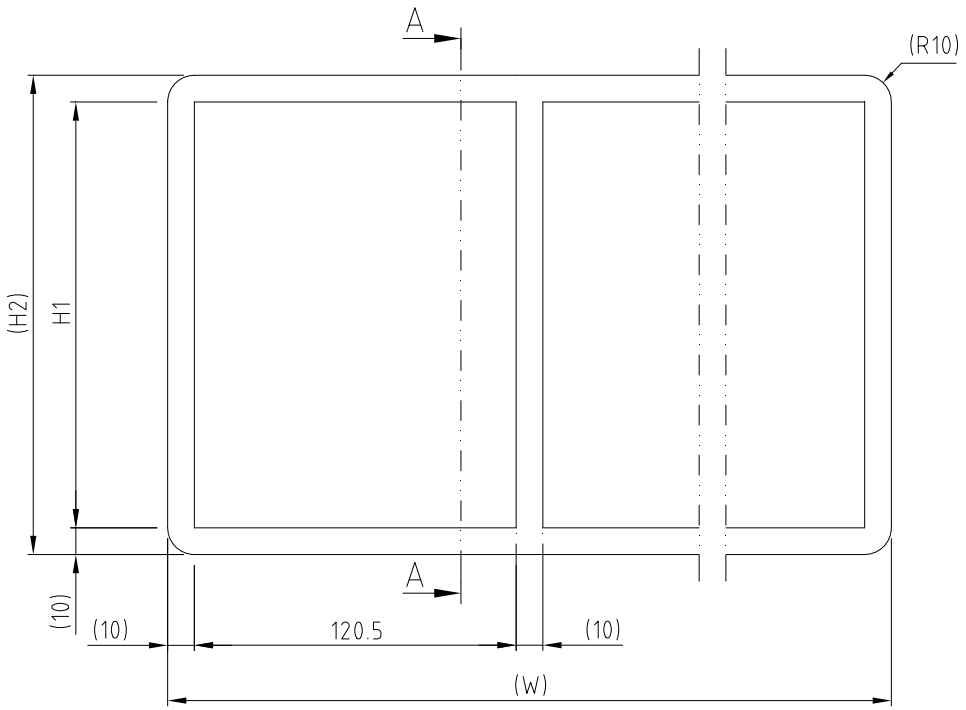
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

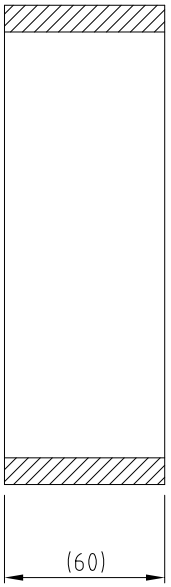
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: LV SWGR-ROS Location/ Sublocation	TotWeight: 12.2 [26.98]
Roxtec	Format: NTS		Transit name: SG200N1-MCT-A6	Sheet No: 3/3
	Client	Drawing number		Rev

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

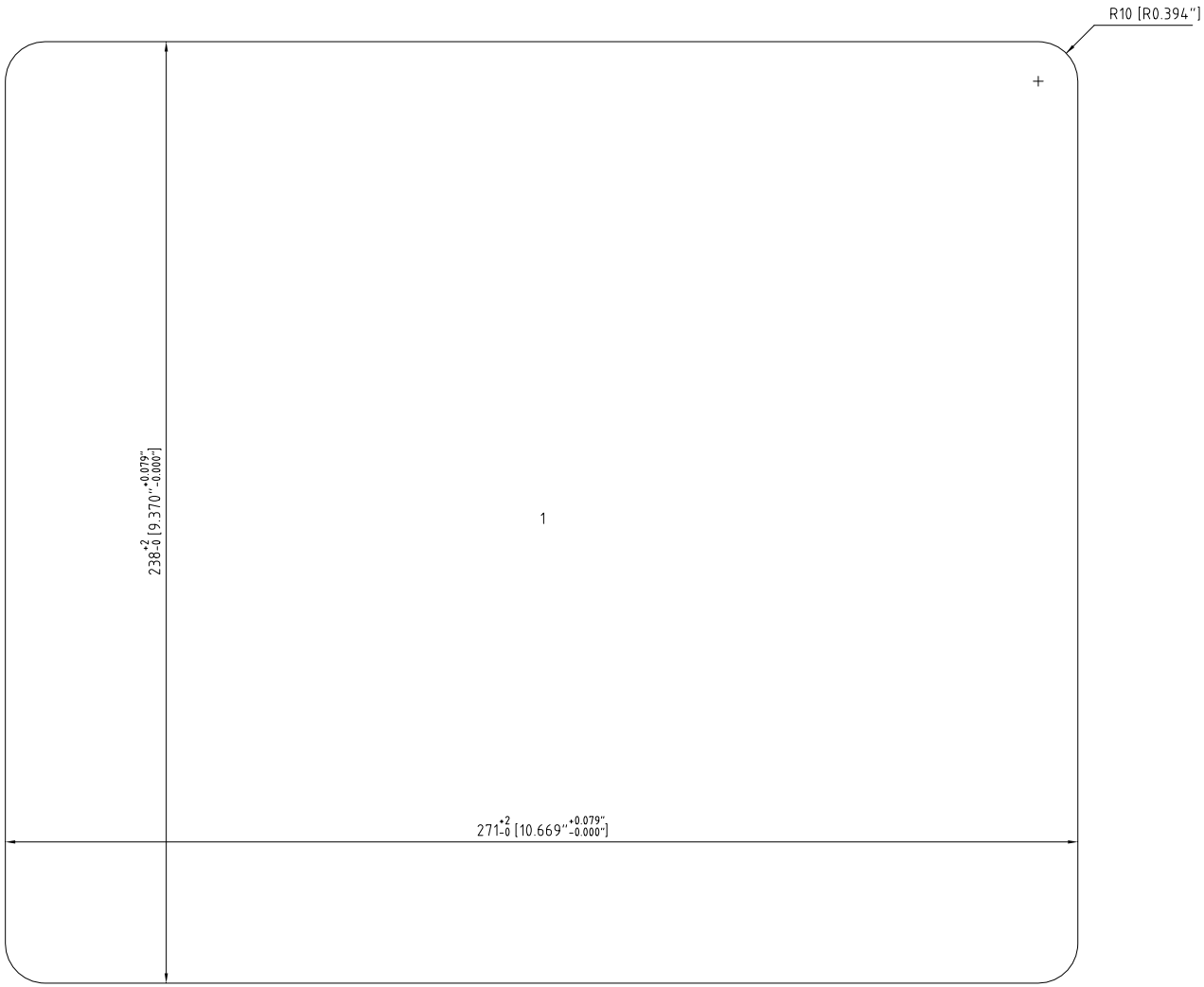
Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

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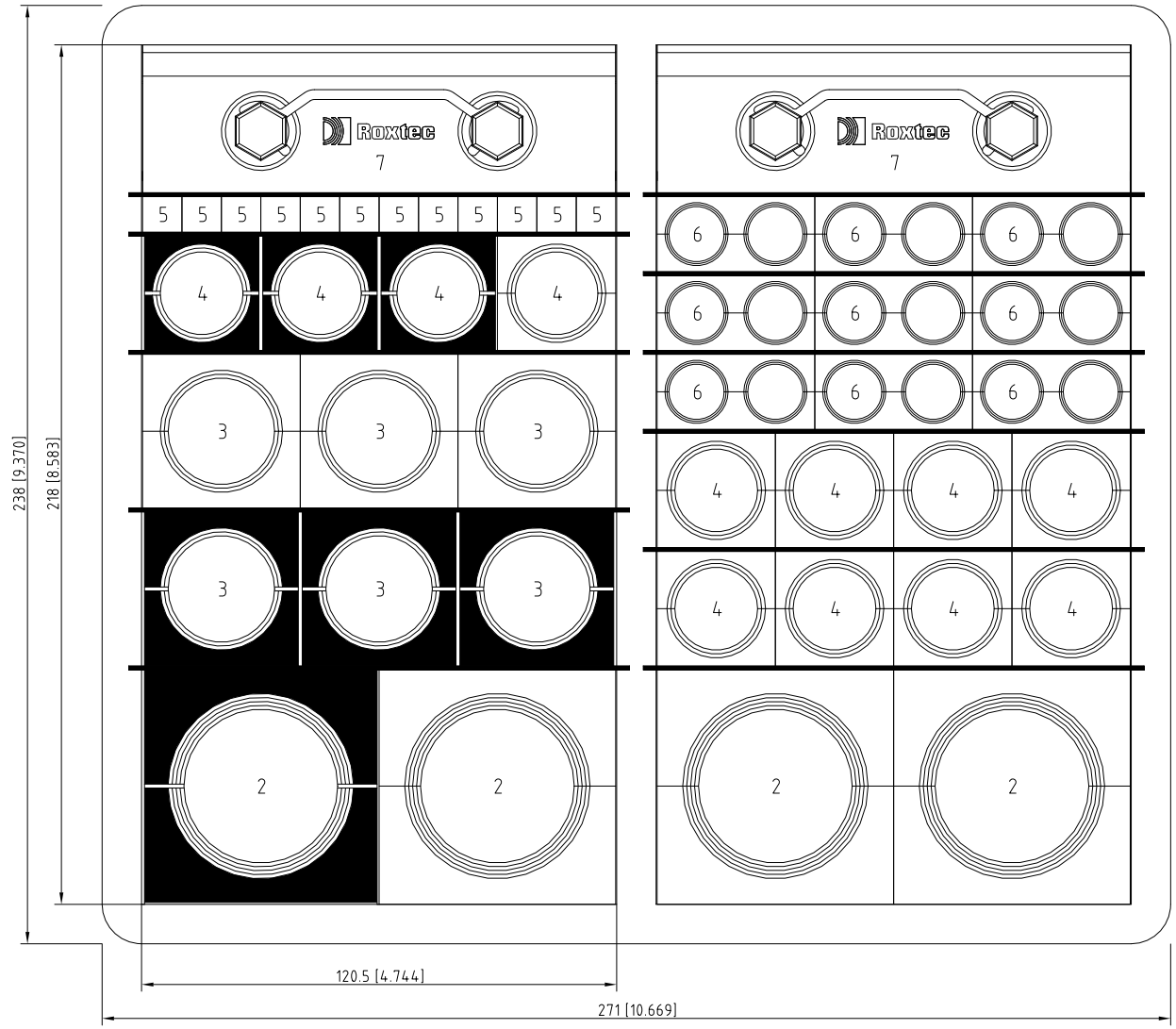
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: LV SWGR-ROS Location/ Sublocation	TotWeight: 13.4 [29.51]
Roxtec	Format: NTS		Transit name: SG200N1-MCT-A7	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
8	11	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
7	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
6	9	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
5	1	RM 10/0x12	RM00310121000	0.1 [0.22]
4	12	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
3	6	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
2	4	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	LV SWGR-ROS Location/ Sublocation	13.4 [29.51]
Roxtec	Format NTS		Transit name SG200N1-MCT-A7	Sheet No 2/3
	Client		Drawing number	Rev

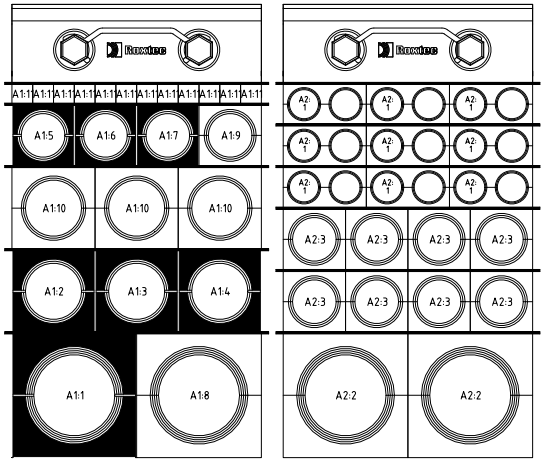
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A1 A2

A1 A2



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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[“])	Module Type
A2:3						RM 30 10-25 [0.394"-0.984"]
A2:2						RM 60 28-54 [1.102"-2.126"]
A2:1						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:11						RM 10/0x12
A1:10						RM 40 21.5-34.5 [0.846"-1.358"]
A1:9						RM 30 10-25 [0.394"-0.984"]
A1:8						RM 60 28-54 [1.102"-2.126"]
A1:7	83035-CEL	DC Battery System - Switchgears Control - Feeder B	4G16	Power	21.9 [0.862"]	RM 30 10-25 [0.394"-0.984"]
A1:6	83034-CEL	DC Battery System - Switchgears Control - Feeder A	4G16	Power	21.9 [0.862"]	RM 30 10-25 [0.394"-0.984"]
A1:5	83018-CEL	Sea water intake pump A	4G4	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:4	83037-CEL	DC UPS - NAVAID System - Feeder B	3G16	Power	23.6 [0.929"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	83036-CEL	DC UPS NAVAID System - Feeder A	3G16	Power	23.6 [0.929"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	83028-CEL	AC UPS PAS - 30min - Line A	4G35	Power	27.4 [1.079"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	83022-CEL	Welding Sockets (Lower Deck) JB's	5G50	Power	35 [1.378"]	RM 60 28-54 [1.102"-2.126"]


MODULE WITH PIPE


MODULE WITH CABLE


SPARE MODULE

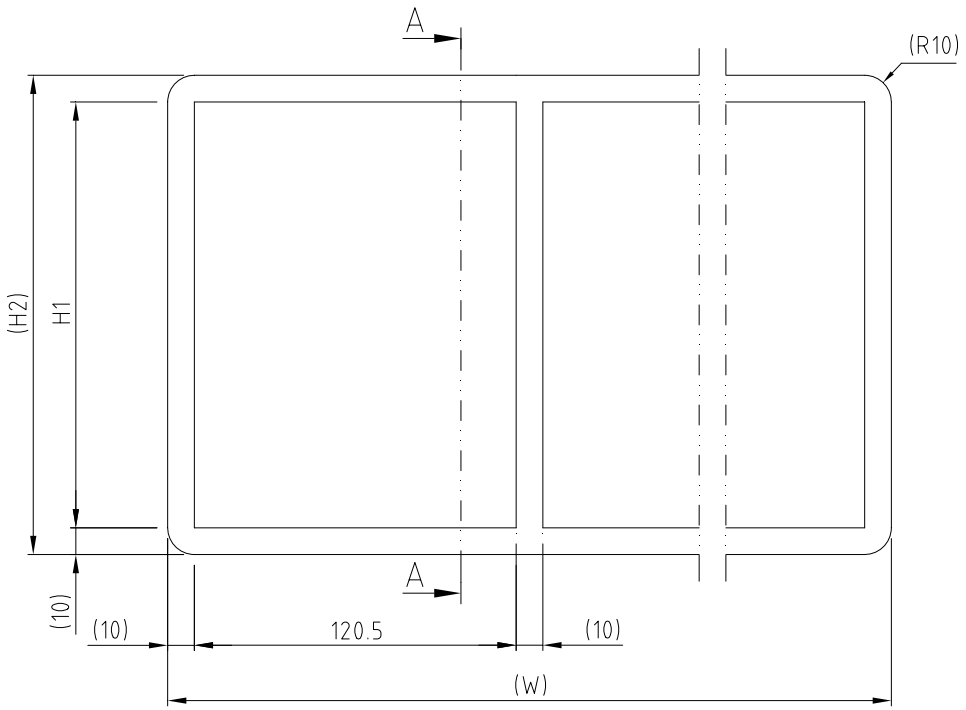

SOLID MODULE

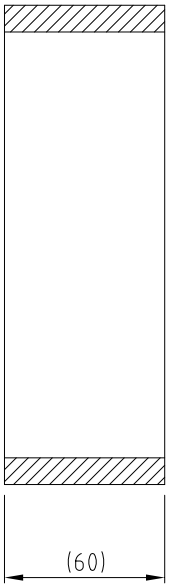
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Roxtec	Format: NTS		Transit name: SG200N1-MCT-A7		Sheet No: 3/3
	Client:		Drawing number:		Rev:

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

DP-200N1- DB BoP MCT

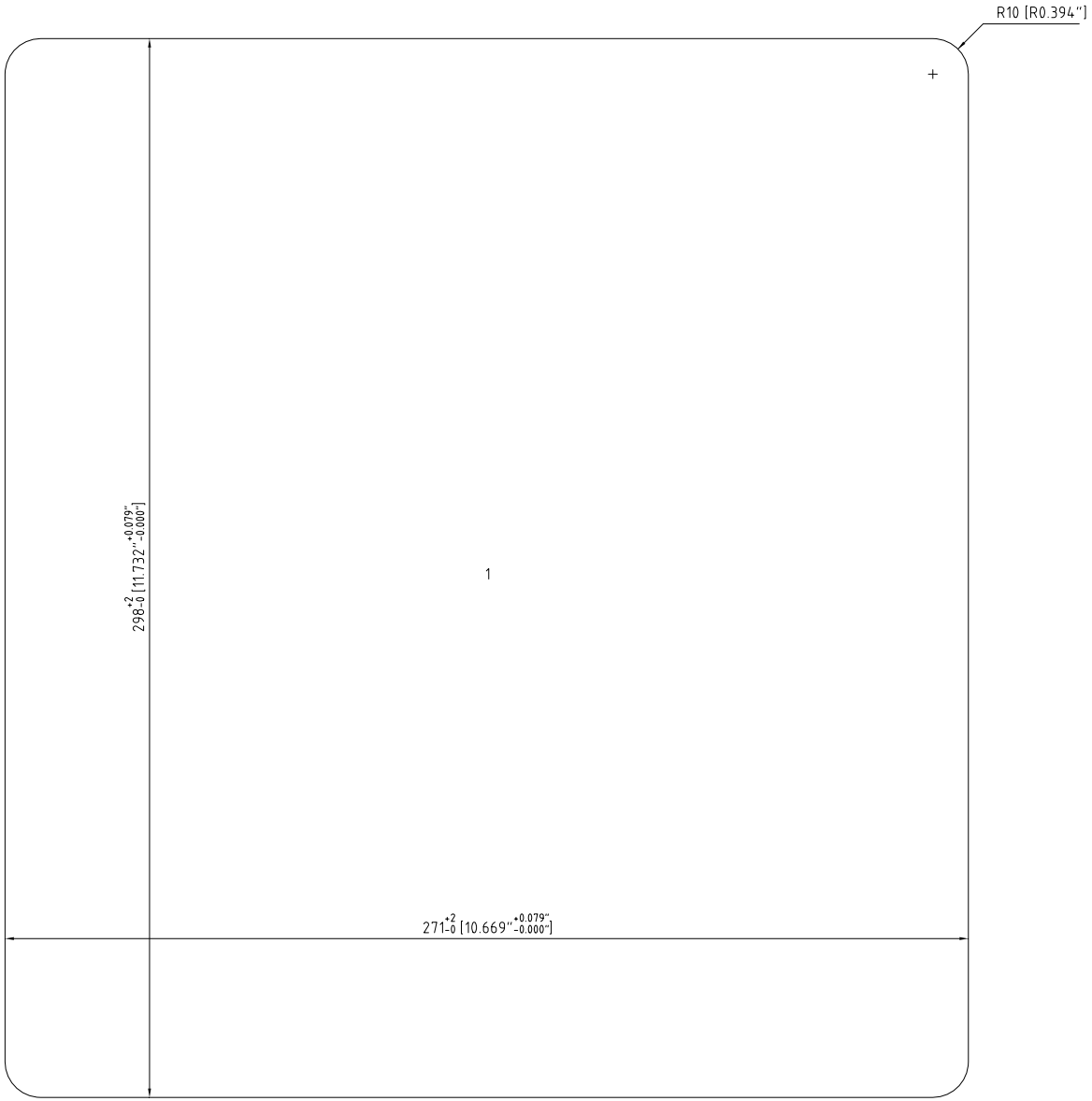
(THE FRAMES ARE BY VENDOR SCOPE AND FIXED ON VENDOR EQUIPMENT)

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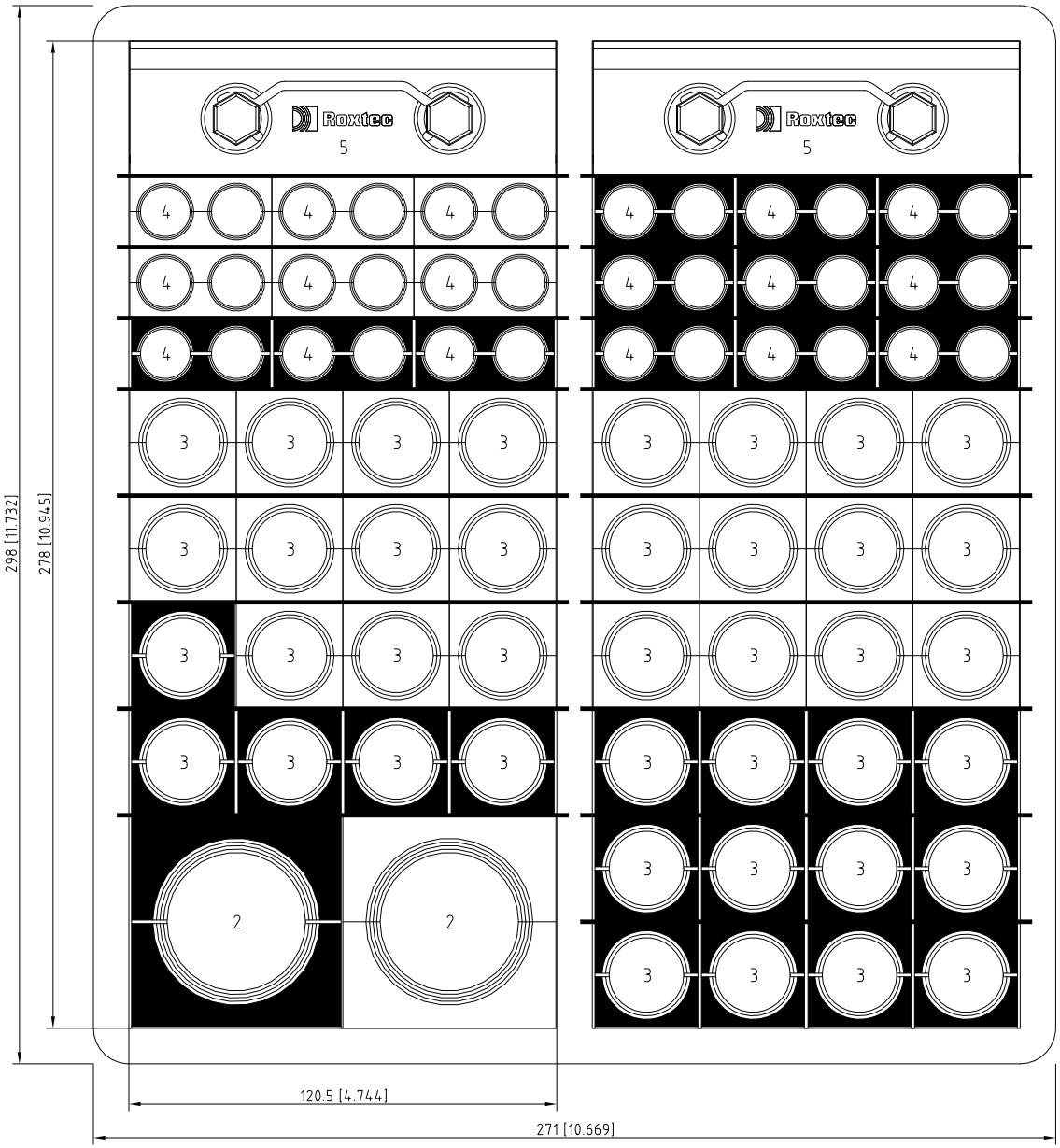


Cutout Detail

Frame: S 8x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]
Responsible: ARNESH		Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: DP-BOP-ROS Location/ Sublocation	TotWeight: 15.1 [33.27]
Roxtec		Format: NTS		Transit name: DP200N1-MCT-A1	Sheet No: 1/4
		Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x298 [10.669"x11.732"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
6	17	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
5	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
4	18	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
3	40	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
2	2	RM 60 28-54 [1.102"-2.126"]	RM00100601000	0.3 [0.73]
1	1	S 8x2 PRIMED	S008000000212	6.5 [14.33]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: DP-BOP-ROS Location/ Sublocation	TotWeight: 15.1 [33.27]
Roxtec	Format: NTS		Transit name: DP200N1-MCT-A1	Sheet No: 2/4
	Client	Drawing number		Rev

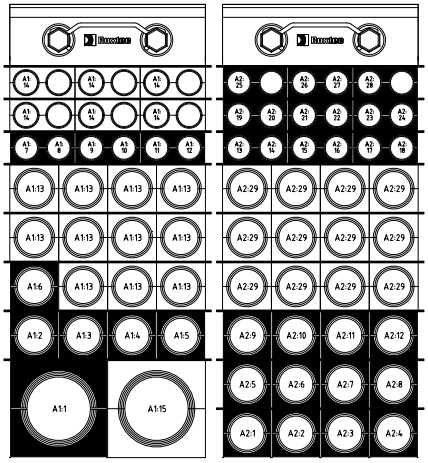
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A1 A2

A1 A2



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OPENING TABLE CONTINUE ON THE NEXT PAGE

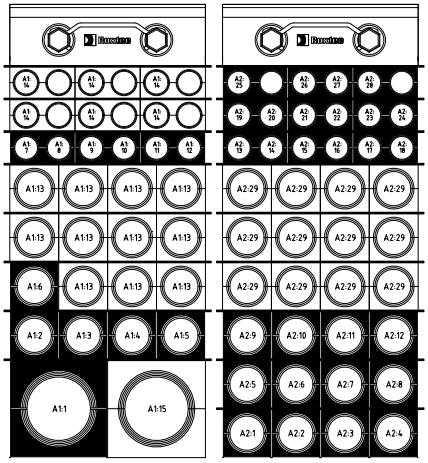
A2:24	83116-CEL	Auxiliary Trafo 1,6MVA	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:23	83115-CEL	Auxiliary NER	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:22	83114-CEL	Auxiliary Trafo 7MVA	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:21	83113-CEL	Auxiliary Trafo AVR	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:20	83111-CEL	UCP - N2 Package - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:19	83110-CEL	UCP - Instrument Air Package -A-63000 - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:18	83109-CEL	Server cabiner ITER - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:17	83108-CEL	System Server / Network Cabinet - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:16	83107-CEL	FGS Fire & Gas Panel - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:15	83106-CEL	EMCS -Controller and I/O Cabinet - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:14	83105-CEL	PCS -Controller and I/O Cabinet - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:13	83104-CEL	SIS -Controller and I/O Cabinet - Auxiliary	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:12	P-ETB-200N1-19-L3-01	Trace Heating - Vent - Feeder 6	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A2:11	P-ETB-200N1-18-L2-01	Trace Heating - V-43001 KO Drum - Feeder 5	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A2:10	P-ETB-200N1-17-L1-01	Trace Heating - Process Lines - Feeder 4	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A2:9	P-ETB-200N1-16-L3-01	Trace Heating - Process Lines - Feeder 3	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A2:8	P-EJB-200N1-08-L1-01	Emergency Lighting Upper Deck - Circuit No. 1	4G4_E	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A2:7	P-EJB-200N1-06-L2-01	Small Power Socket JB (Lower Deck)	3G10	Power	17.7 [0.697"]	RM 30 10-25 [0.394"-0.984"]
A2:6	P-EJB-200N1-05-L1-01	Small Power Socket JB(Upper Deck)	3G10	Power	17.7 [0.697"]	RM 30 10-25 [0.394"-0.984"]
A2:5	P-EJB-200N1-04-L3-01	Normal Lighting - Stairs	3G4	Power	14.3 [0.563"]	RM 30 10-25 [0.394"-0.984"]
A2:4	P-EJB-200N1-03-L2-01	Normal Lighting Lower Deck - Circuit No. 1	3G4	Power	14.3 [0.563"]	RM 30 10-25 [0.394"-0.984"]
A2:3	P-EJB-200N1-02-L1-01	Normal Lighting Upper Deck - Circuit No. 1	3G4	Power	14.3 [0.563"]	RM 30 10-25 [0.394"-0.984"]
A2:2	83118-CEL	Auxiliary GIS	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A2:1	83112-CEL	Auxiliary Trafo OLTC	5G4	Power	17 [0.669"]	RM 30 10-25 [0.394"-0.984"]
A1:15						RM 60 28-54 [1.102"-2.126"]
A1:14						RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:13						RM 30 10-25 [0.394"-0.984"]
A1:12	83123-CEL	AC UPS F&G AUXILIARY	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:11	83122-CEL	AC UPS PAS AUXILIARY	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:10	83121-CEL	Auxiliary LV SWBD 800/460V	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:9	83120-CEL	Auxiliary LV	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:8	83119-CEL	Auxiliary 6.6kV Switchboard	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7	83117-CEL	Auxiliary Trafo SOLAR 0,5MVA	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:6	P-ETB-200N1-20-L1-01	Trace Heating - Sea Water Pumps - Feeder 7	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A1:5	P-ETB-200N1-15-L2-01	Trace Heating - Process Lines - Feeder 2	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A1:4	P-ETB-200N1-14-L1-01	Trace Heating - Process Lines - Feeder 1	3G6	Power	15.6 [0.614"]	RM 30 10-25 [0.394"-0.984"]
A1:3	P-EJB-200N1-10-L3-01	Emergency Lighting stairs	4G4_E	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:2	P-EJB-200N1-09-L2-01	Emergency Lighting Lower Deck - Circuit No. 1	4G4_E	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:1	83043-CEL	LV Switchgear	5G50	Power	35 [1.378"]	RM 60 28-54 [1.102"-2.126"]
Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type

MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: DP-BOP-ROS		TotWeight: 15.1 [33.27]
Roxtec	Format: NTS		Location/ Sublocation		Sheet No: 3/4
			Transit name: DP200N1-MCT-A1		
	Client		Drawing number		Rev

A1 A2

A1 A2



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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/ ["])	Module Type
A2:29						RM 30 10-25 [0.394"-0.984"]
A2:28	83127-CEC	LV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:27	83126-CEC	LV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:26	83125-CEC	LV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:25	83124-CEL	DC BATTERY SYSTEM AUXILIARY	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]

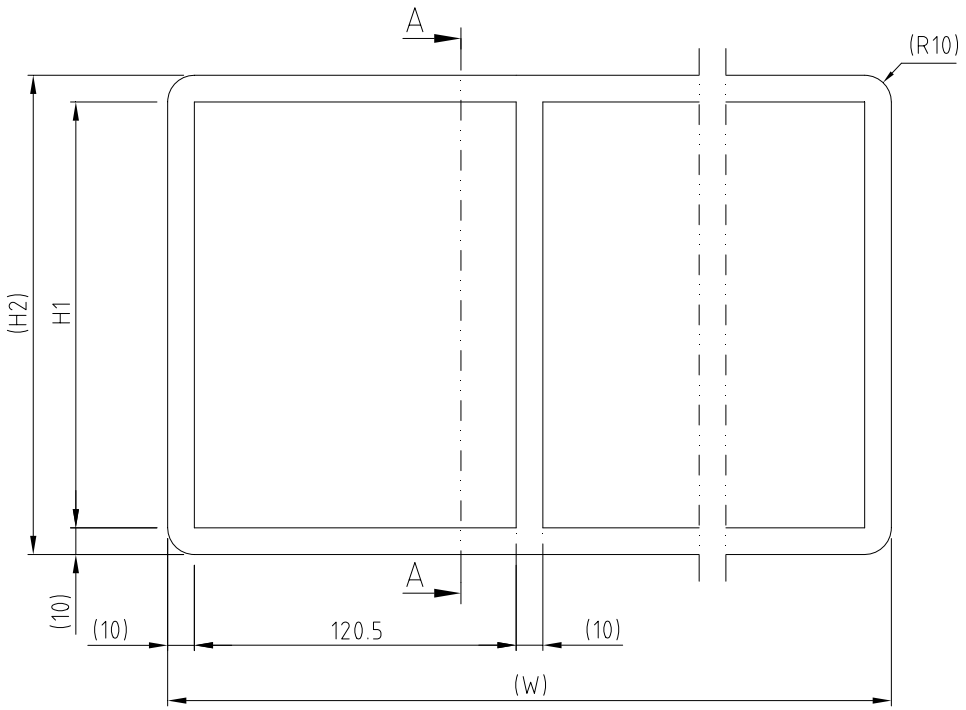
MODULE WITH PIPE MODULE WITH CABLE SPARE MODULE SOLID MODULE

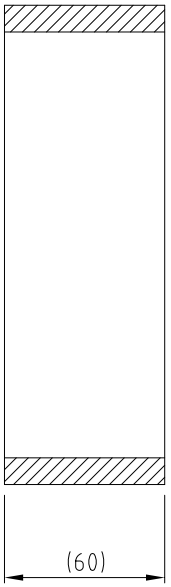
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-22	Project: DP-BOP-ROS	Location/ Sublocation:	TotWeight: 15.1 [33.27]
Roxtec	Format: NTS		Transit name: DP200N1-MCT-A1		Sheet No: 4/4
	Client:		Drawing number:		Rev:

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON

SG-200D2- SOLAR ACB MCT

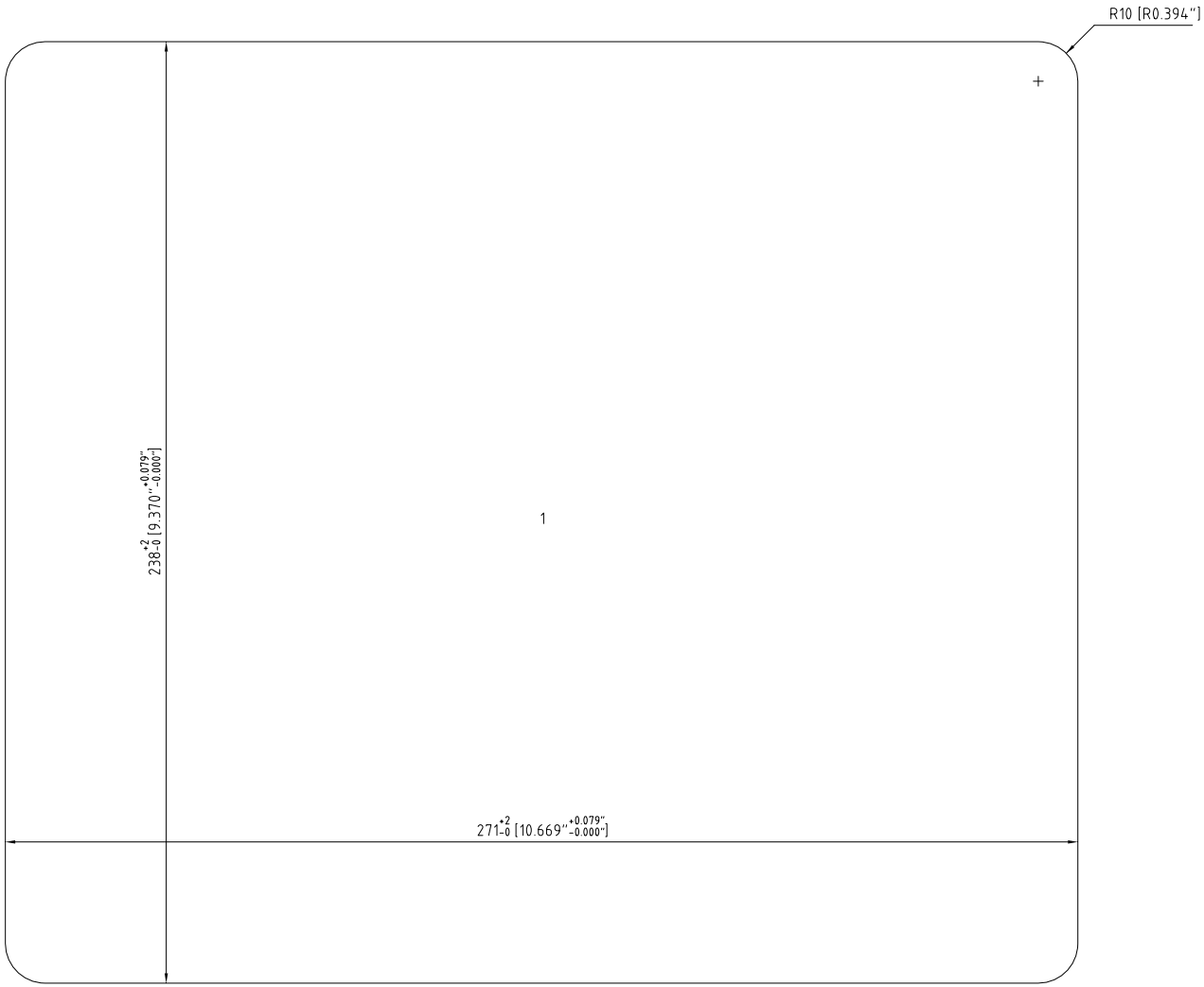
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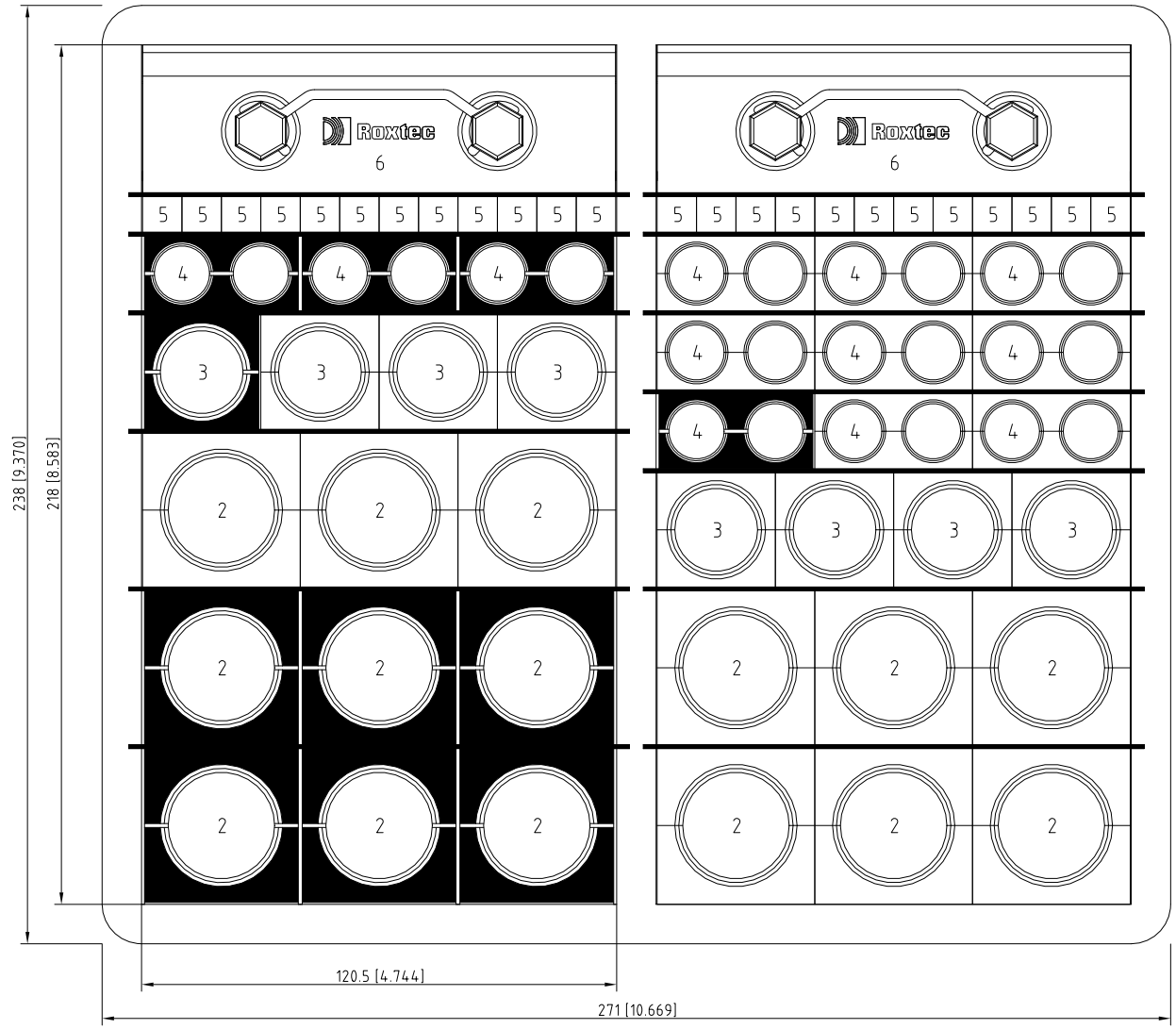
Cutout Detail

Frame: S 6x2 PRIMED Solution: 1

Item	Qty	Roxtec Packing Material	mm ["]	Roxtec Art No	Weight Kg [lb]

Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: SG-200D2 - ROS Location/ Sublocation	TotWeight: 14.7 [32.32]
Roxtec	Format: NTS		Transit name: SG200D2-MCT-A1	Sheet No: 1/3
	Client		Drawing number	Rev

CUTOUT TO FIT SOLUTION WELDING, 271x238 [10.669"x9.370"]





Detail Drawing

Solution: 1

Item	Qty	Roxtec Packing Material mm ["]	Roxtec Art No	Weight Kg [lb]
7	13	Stayplate 120 galv	ASP0001200018	0.1 [0.24]
6	2	Wedge 120 galv	ARW0001201018	0.8 [1.76]
5	2	RM 10/0x12	RM00310121000	0.1 [0.22]
4	12	RM 20W40 3.5-16.5 [0.138"-0.650"]	RM00120401000	0.1 [0.15]
3	8	RM 30 10-25 [0.394"-0.984"]	RM00100301000	0.1 [0.18]
2	15	RM 40 21.5-34.5 [0.846"-1.358"]	RM00100401000	0.1 [0.31]
1	1	S 6x2 PRIMED	S006000000212	5.6 [12.35]

Responsible	Created Date	Modify Date	Project	TotWeight
ARNESH	2024-07-10	2024-07-23	SG-200D2 - ROS Location/ Sublocation	14.7 [32.32]
	Format NTS		Transit name SG200D2-MCT-A1	Sheet No 2/3
Roxtec	Client		Drawing number	Rev

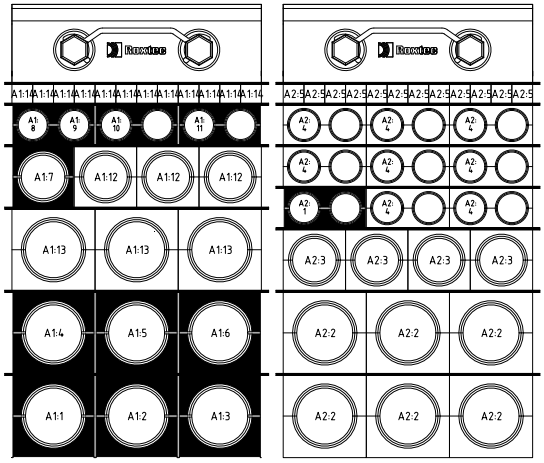
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A1 A2

A1 A2



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Pos	Cable ID	Name	Cable Type	Cable Category	OD (mm/[*])	Module Type
A2:5						RM 10/0x12
A2:4						RM 20W40 3.5-16.5 [0.138"-0.650"]
A2:3						RM 30 10-25 [0.394"-0.984"]
A2:2						RM 40 21.5-34.5 [0.846"-1.358"]
A2:1	SG-200D2/B400-EMCS-001	EMCS SYSTEM	CAT.6A 4x2xAWG23	Comm.	10.7 [0.421"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:14						RM 10/0x12
A1:13						RM 40 21.5-34.5 [0.846"-1.358"]
A1:12						RM 30 10-25 [0.394"-0.984"]
A1:11	83121-CEL	Auxiliary LV SWBD 800/460V	3G2.5	Power	13 [0.512"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:10	83016-CEC	LV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:9	82008-CEC	Solar Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:8	83015-CEC	6.6KV HV Switchgear	7C X 1.5	Control	13.5 [0.531"]	RM 20W40 3.5-16.5 [0.138"-0.650"]
A1:7	84319-CEL	AC UPS - PAS DB	3G2.5	Power	15.5 [0.610"]	RM 30 10-25 [0.394"-0.984"]
A1:6	83003-CEL-L3	6.6/0.8 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:5	83003-CEL-L2	6.6/0.8 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:4	83003-CEL-L1	6.6/0.8 kV Transformer	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:3	83002-CEL-L3	Solar PV Power Cable JB	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:2	83002-CEL-L2	Solar PV Power Cable JB	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]
A1:1	83002-CEL-L1	Solar PV Power Cable JB	1C X 300	Power	29.4 [1.157"]	RM 40 21.5-34.5 [0.846"-1.358"]


MODULE WITH PIPE


MODULE WITH CABLE


SPARE MODULE

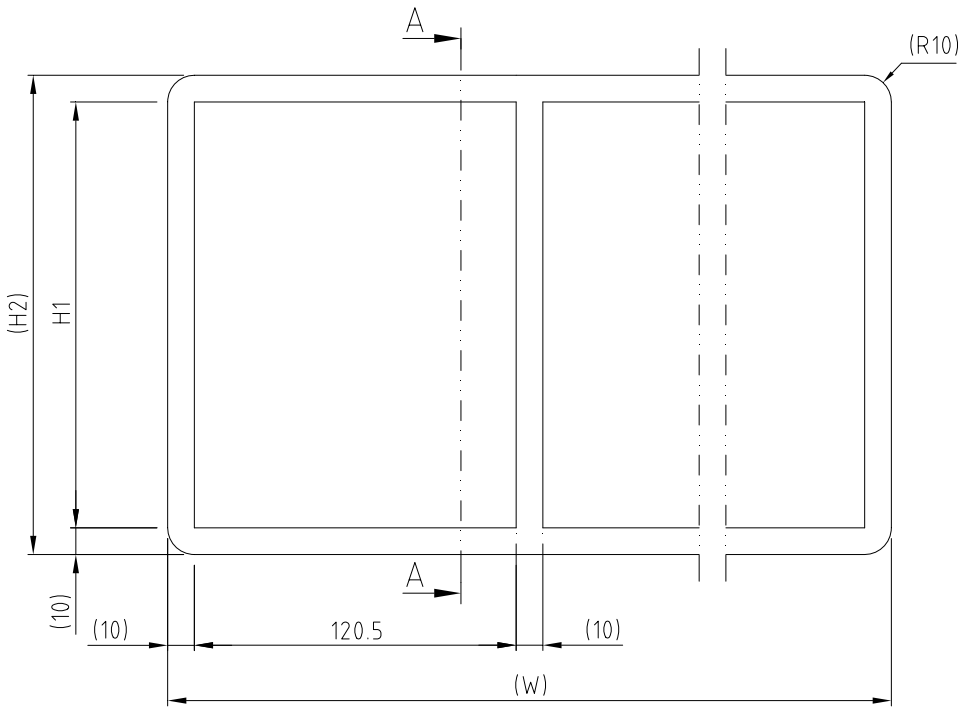

SOLID MODULE

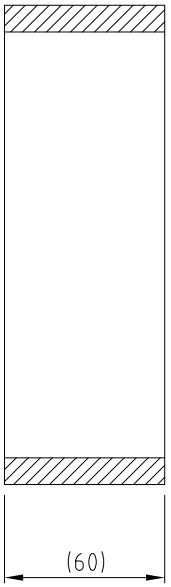
Responsible: ARNESH	Created Date: 2024-07-10	Modify Date: 2024-07-23	Project: SG-200D2 - ROS	Location/ Sublocation:	TotWeight: 14.7 [32.32]
Roxtec	Format: NTS		Transit name: SG200D2-MCT-A1		Sheet No: 3/3
	Client:		Drawing number:		Rev:

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TYPE	H1 (mm)	H2 (mm)
S 2xN	101	121
S 4xN	159.5	179.5
S 6xN	218	238
S 8xN	278	298

COMB.	W (mm)
x2	271
x3	401.5
x4	532
x5	662.5
x6	793
x7	923.5
x8	1054
x9	1184.5
x10	1315





A - A

Item	Qty	Designation	Specification	Net Weight

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Roxtec

Designed by: J HELLKVIST	Date: 2003-11-03	General tolerance: DIN ISO 2768-1/2-m/K, DIN ISO 13920-BF	Welded details: EN ISO 5817-B, EN ISO 10042-B	General surface roughness, Ra 12,5	Tot Weight: –
Checked by: S MILTON	Format: A3	Title: S FRAME COMBINATION FRAME			Projection method
Approved by: S MILTON	Scale: 1:2				
Restricted due to: INFORMATION DRAWING	Drawing number: S1005519				Rev: B

Rev	Type of revision	Date	Sign
B	NEW LAYOUT/TITLE BLOCK/MORE COMB. ADDED	2006-12-21	AN KARLSSON