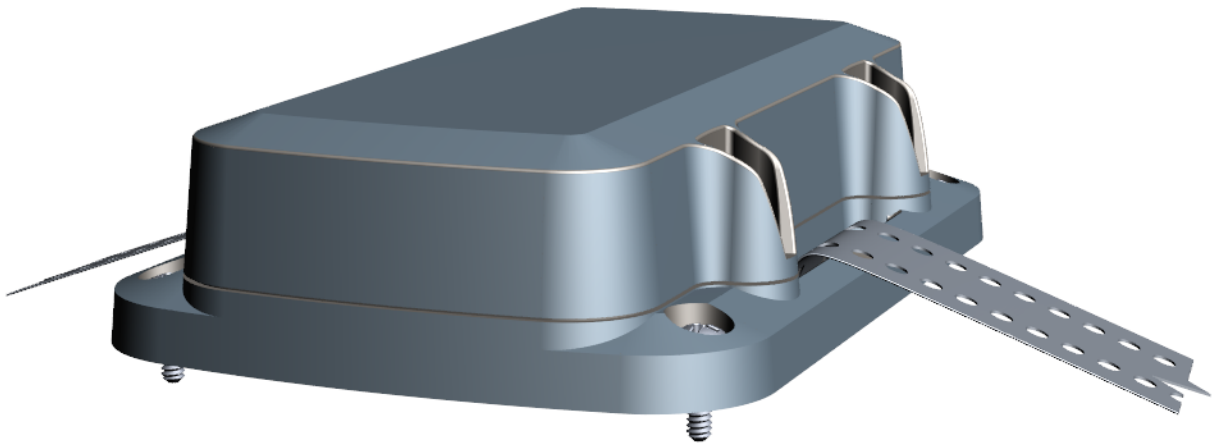

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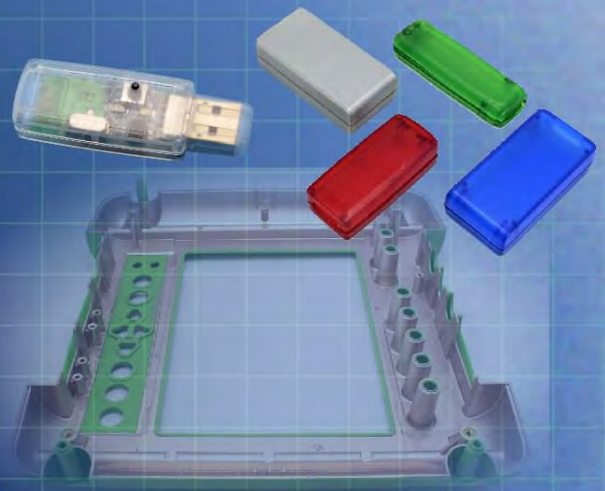

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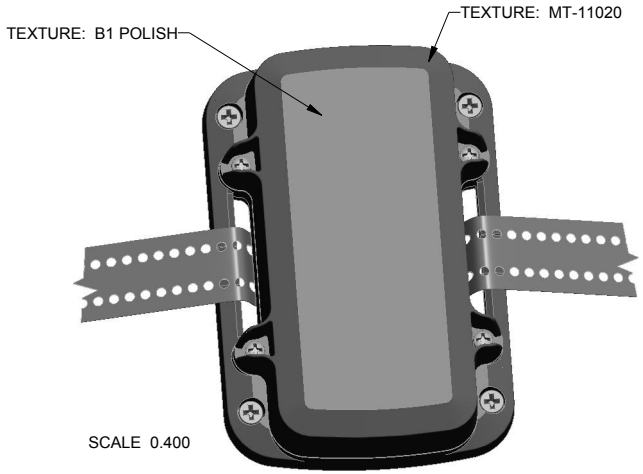
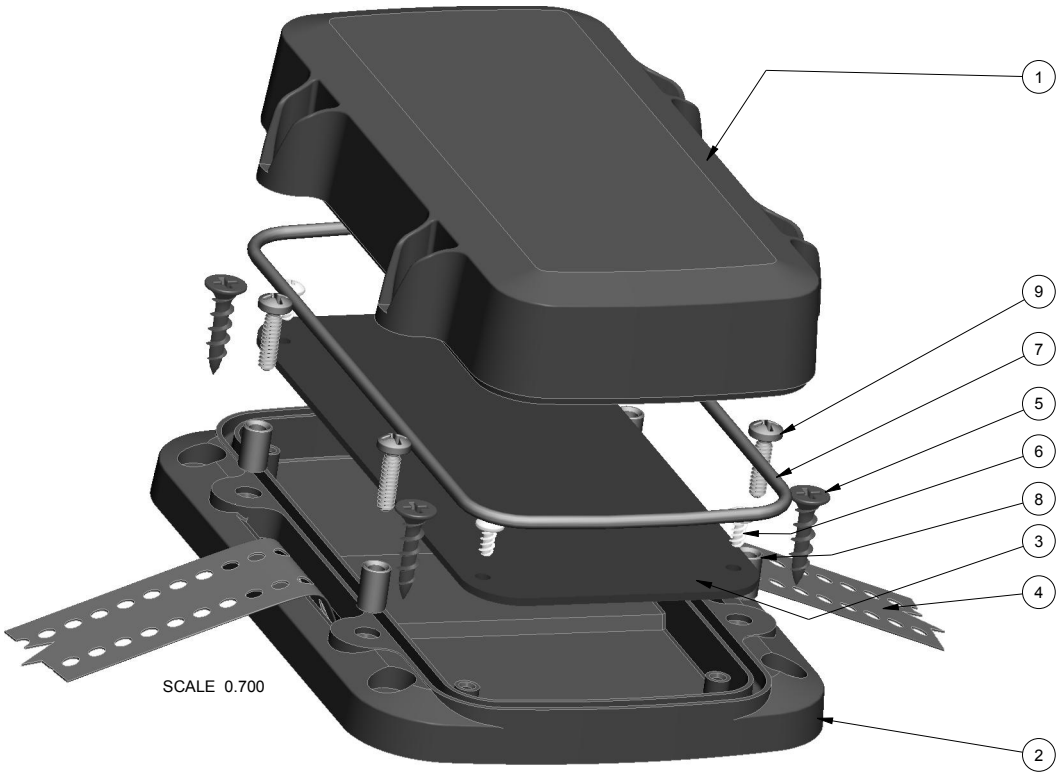
NAE Cover H8 Boyer

NOTES: UNLESS OTHERWISE SPECIFIED

1. CORNERS DRAWN SHARP TO BE R.010 MAXIMUM.
2. EXTERIOR SURFACE TEXTURE TO BE MT-11020, UNLESS SPECIFIED OTHERWISE
3. ALL INSIDE RADII .020R. UNLESS OTHERWISE SPECIFIED.
4. ALL EXTERNAL DIMENSIONS AFFECTED BY THE DRAFT APPLY AT THE LARGE END OF THE FEATURE, AND ALL INTERNAL FEATURES AFFECTED BY THE DRAFT APPLY AT THE SMALL END OF THE FEATURE UNLESS OTHERWISE SPECIFIED.
5. 1 DEGREE DRAFT IN THE DIRECTION OF PULL IS PERMISSIBLE UNLESS OTHERWISED SPECIFIED.
6. MATERIAL / COLOR: ASA PLASTIC IS STANDARD IN BLACK OR GREY. CUSTOM MATERIALS AND COLORS ARE AVAILABLE UPON REQUEST FOR QUOTE. SLIGHT COSMETIC SWIRLING, BLUSHING, AND/OR DISCOLORATION CAN OCCUR IN THIS ENCLOSURE DUE TO UV INHIBITORS IN THE RESIN.
7. PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF IT'S FIT ARE THE SOLE RESPONSIBILITY OF EACH OWNER.
8. ASSEMBLY SCREWS FOR THE ENCLOSURE INCLUDED. MOUNTING SCREWS FOR THE PCB ARE SOLD SEPERATELY.
9. THIS DRAWING IS BASED ON A SOLID MODEL, AND IS FURTHER DEFINED BY THE SOLID MODEL FILE.
10. ALLOWABLE FLASH: 0.010 MAX.
11. ALL EJECTOR PIN MARKS TO BE WITHIN 0.010" OF FLUSH, PROTRUDING OR BELOW FLUSH.
12. TRIM GATE WITHIN 0.030" OF FLUSH.
13. THIS ENCLOSURE IS CONSTRUCTED FOR INDOOR OR OUTDOOR USE TO PROVIDE A DEGREE OF PROTECTION TO THE EQUIPMENT INSIDE AGAINST THE INGRESS OF SOLID FORIEGN OBJECTS (FALLING DIRT); AND TO PROVIDE A DEGREE OF PROTECTION WITH RESPECT TO TO HARMFUL EFFECTS ON THE EQUIPMENT DUE TO THE INGRESS OF WATER (DRIPPING OR SPLASHING).

REVISION					
REV.	DRAWN BY	ECO No	DESCRIPTION	DATE	APPROVED
A-L	M BOYER		PRELIMINARY DESIGN - SEE REV L FOR REV. A-L DESCRIPTIONS	17-Jun-13	D.C.
1.0	R CRUZ		RELEASED TO MFG PER CUSTOMER	17-Jun-13	D.C.
1.1	M BOYER		REVISE SCREW PART NUMBER	18-Jun-13	D.C.
2.0	R CRUZ	8513	O-RING TO BE SOLD WITH ENCLOSURE	30-Dec-13	D.C.
2.1	R CRUZ	02115	UPDATE NOTE 6	20-May-15	





ITEM	FILE NAME	DESCRIPTION	MATERIAL	COLOR	QTY.
9	6-32_PHILLIPS_SCREW	6-32 PHILLIPS SCREW x .375"	18-8 STAINLESS	S-MS 6-32.375	4
8	6-32X344_BRASS-INSERT	6-32 BRASS INSERT x .344"	TRISTAR 632x344MB	OVER-MOLDED	4
7	542713_ORING	542713 ORING - STANDARD	TPE G7930	NATURAL	1
6	SCREW_HILO-NO4	#4 HiLo SCREW x .250"	ZINK PLATED	CUSTOMER SUPPLIED	4
5	SCREW-DRYWALLX750	DRYWALL SCREW	REFERENCE ONLY	CUSTOMER SUPPLIED	4
4	542713_STRAP	MOUNTING STRAP x 1.000" WIDE	REFERENCE	CUSTOMER SUPPLIED	1
3	542713_PCB	542713 PCB - REFERENCE	.062" THICK	CUSTOMER SUPPLIED	1
2	542713_WALL-BASE	542713 WALL BASE - STANDARD	ASA	BLACK or GREY	1
1	542713_COVER	542713 COVER - STANDARD	ASA	BLACK or GREY	1

BILL OF MATERIALS

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

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X.XXX = .010 X.X° = 1°

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Customer's Part No: 542713

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ENG.		
SCALE	AS NOTED	
DRAWN BY	M BOYER	09-Oct-12

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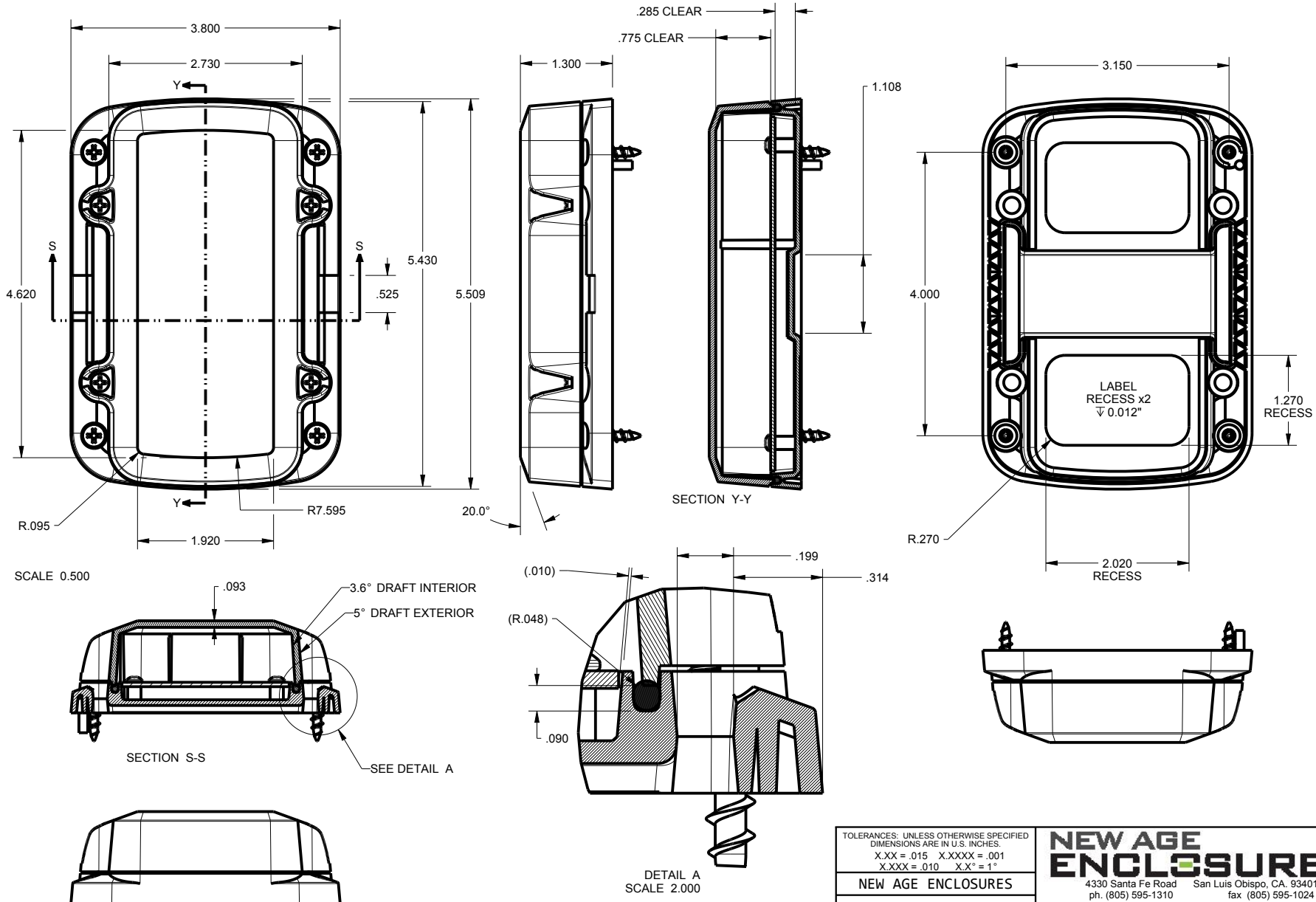
WATER RESISTANT UTILITY
SXL-542713-XXX

SIZE	DRAWING NAME	SHEET	REV.DOC
A	542713_R2_1	1 OF 7	2.1

542713 ASSEMBLY



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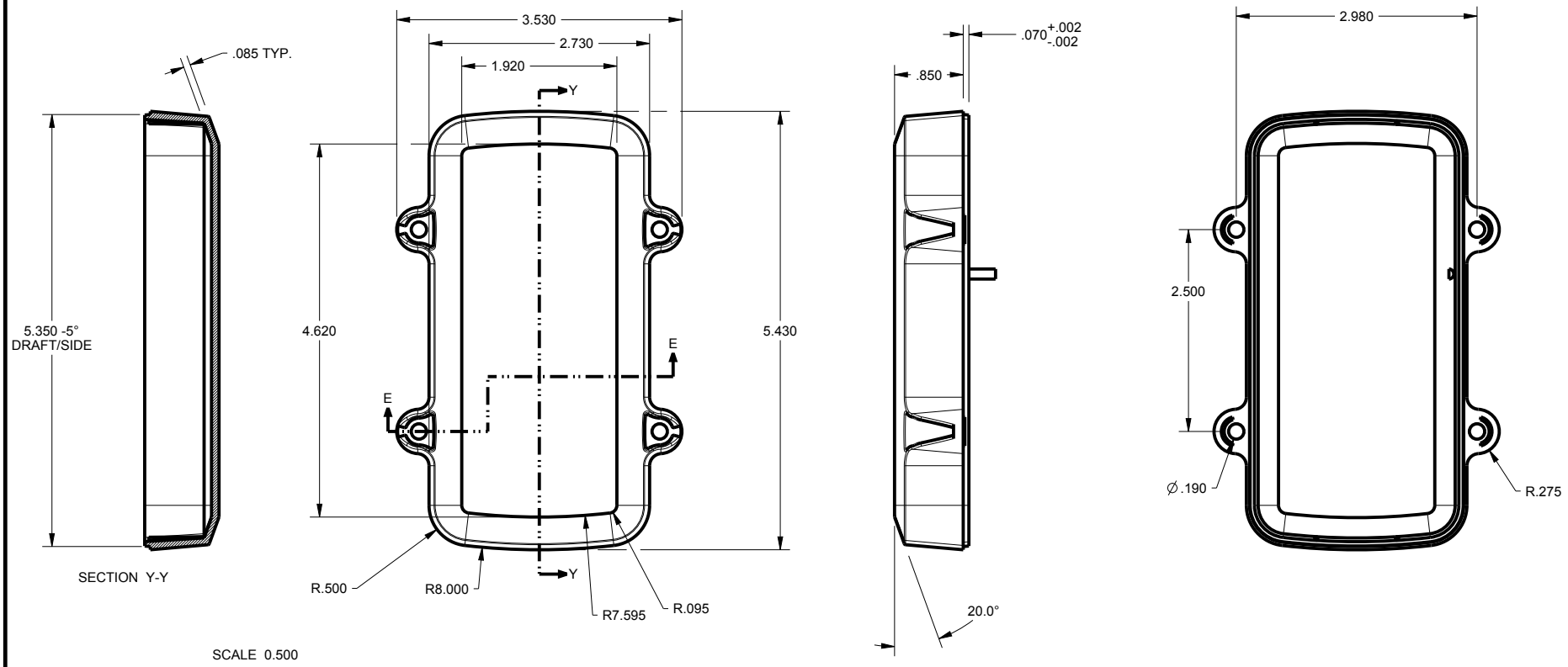
SCALE	AS NOTED		
DRAWN BY: M BOYER 09-Oct-12	SIZE: A	DRAWING NAME: 542713_R2_1	SHEET: 2 OF 7 / REV.DOC: 2.1

542713 COVER



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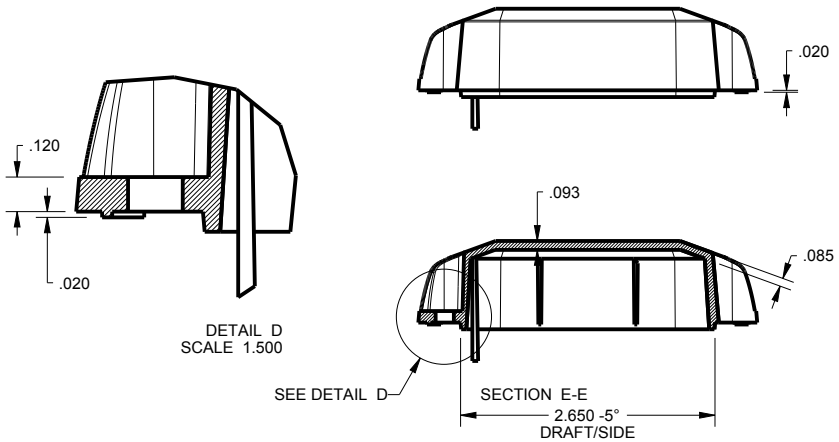

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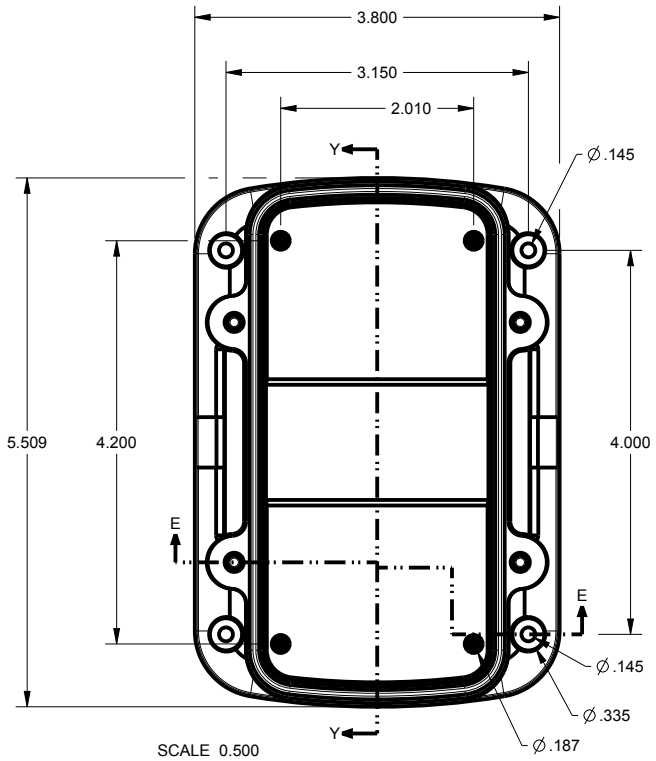
ENG.			
SCALE	AS NOTED		
DRAWN BY M BOYER 09-Oct-12		SIZE A / DRAWING NAME 542713_R2_1	SHEET 3 OF 7 / REV.DOC 2.1

542713 WALL BASE



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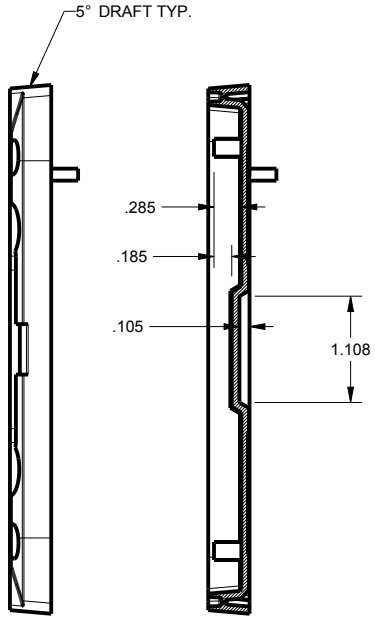
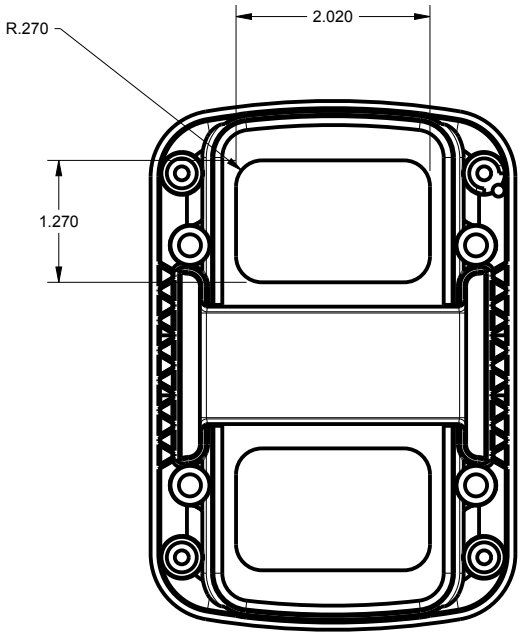
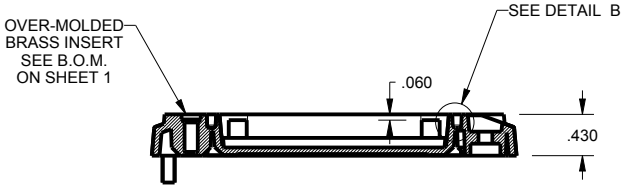


SECTION Y-Y





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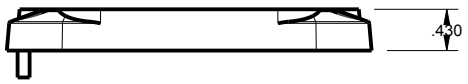

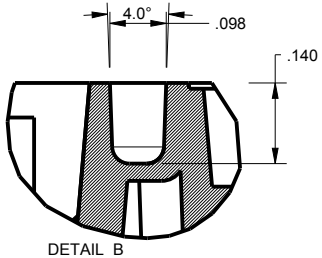

DETAIL B
SCALE 3.000

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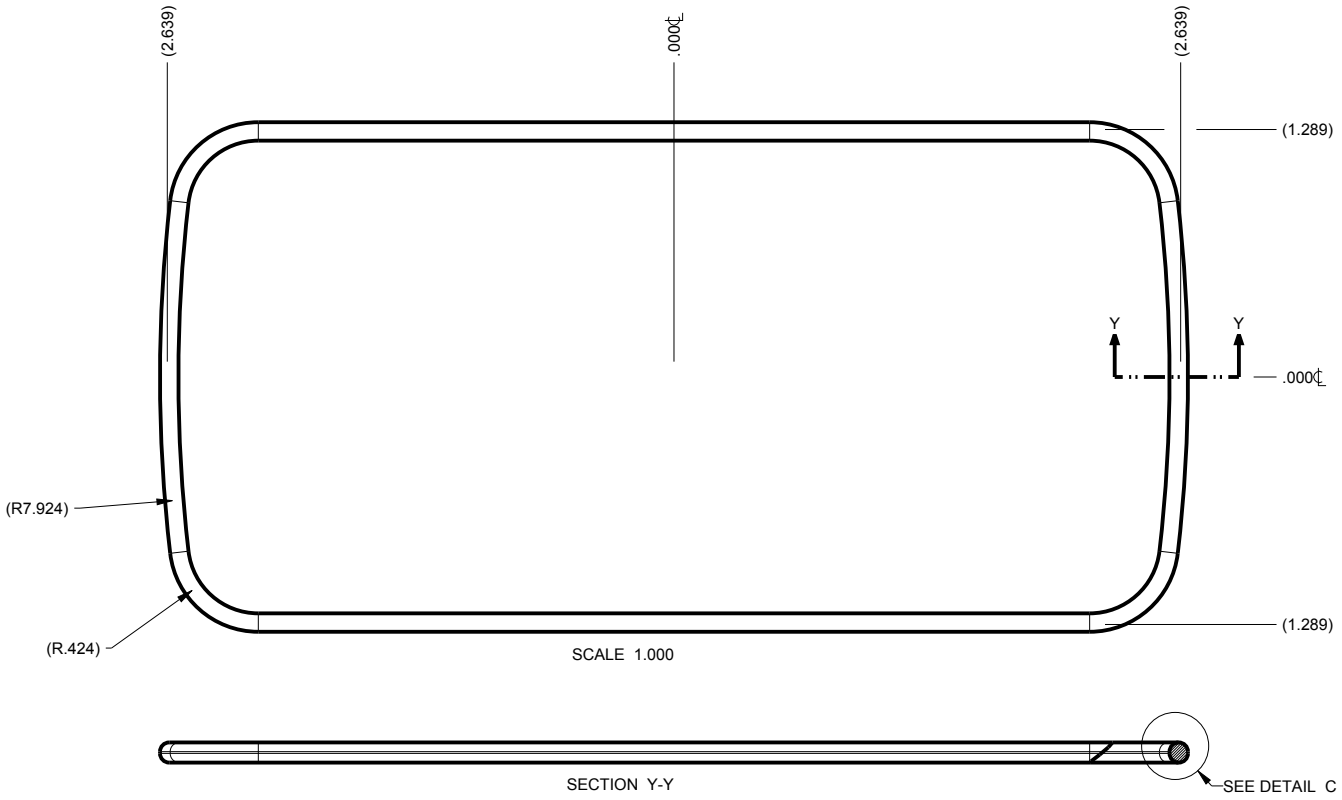
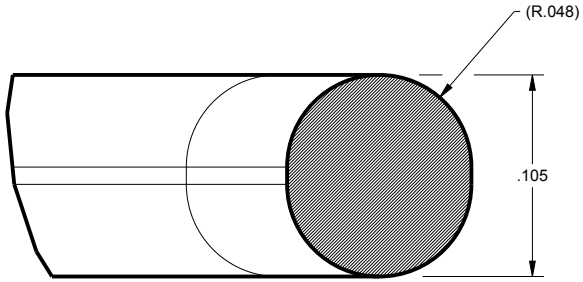
SIZE	DRAWING NAME	SHEET	REV.DOC
A	542713_R2_1	4 OF 7	2.1

542713 O-RING





DETAIL C
SCALE 10.000

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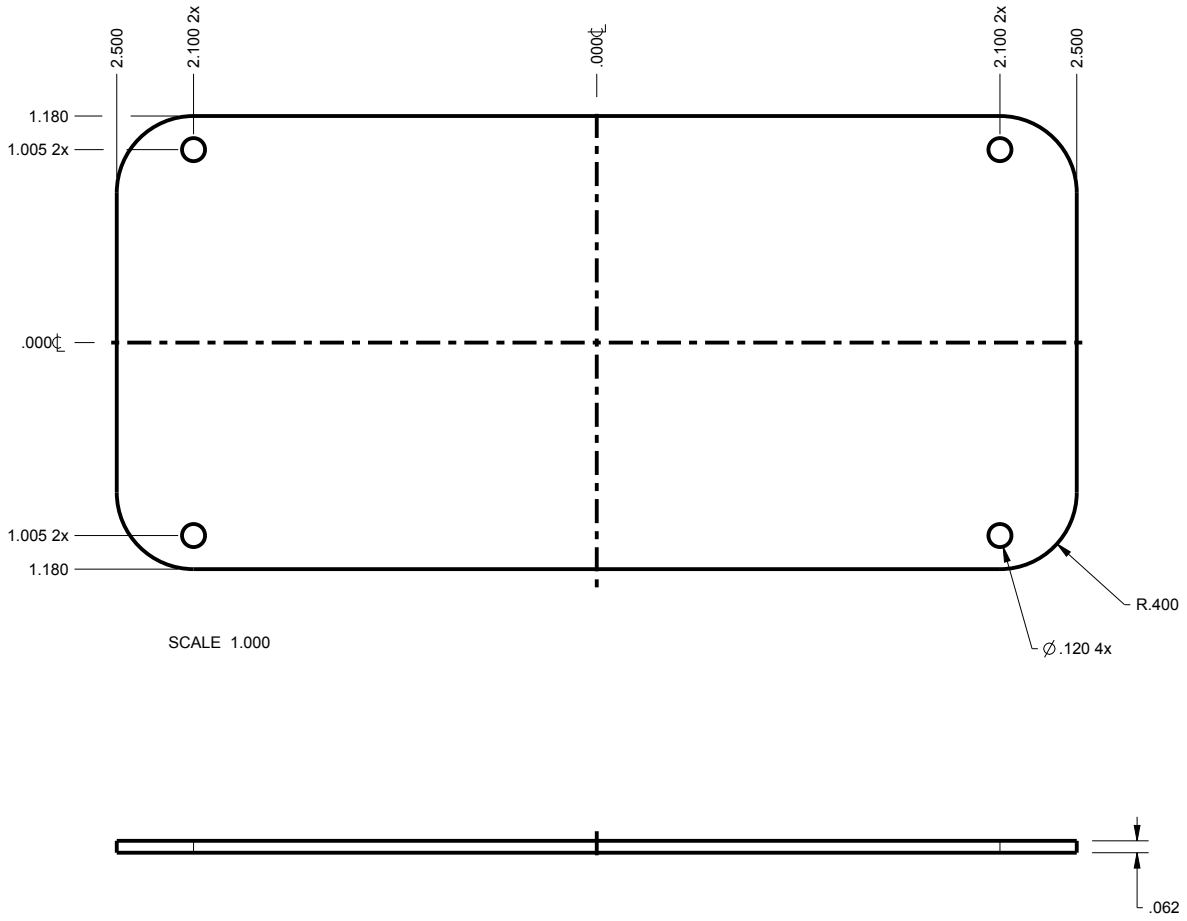
SCALE	AS NOTED				
DRAWN BY			SIZE	DRAWING NAME	SHEET / REV.DOC
M BOYER	09-Oct-12		A	542713_R2_1	5 OF 7 / 2.1

542713 PCB - CUSTOMER SUPPLIED

PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL
SIZES AND VERIFICATION OF IT'S FIT ARE THE
SOLE RESPONSIBILITY OF THE OEM.



SCALE 1.000

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SCALE	AS NOTED		
DRAWN BY M BOYER 09-Oct-12	SIZE A	DRAWING NAME 542713_R2_1	SHEET 6 OF 7 / REV.DOC 2.1

542713 - 2nd OPERATION DETAILS

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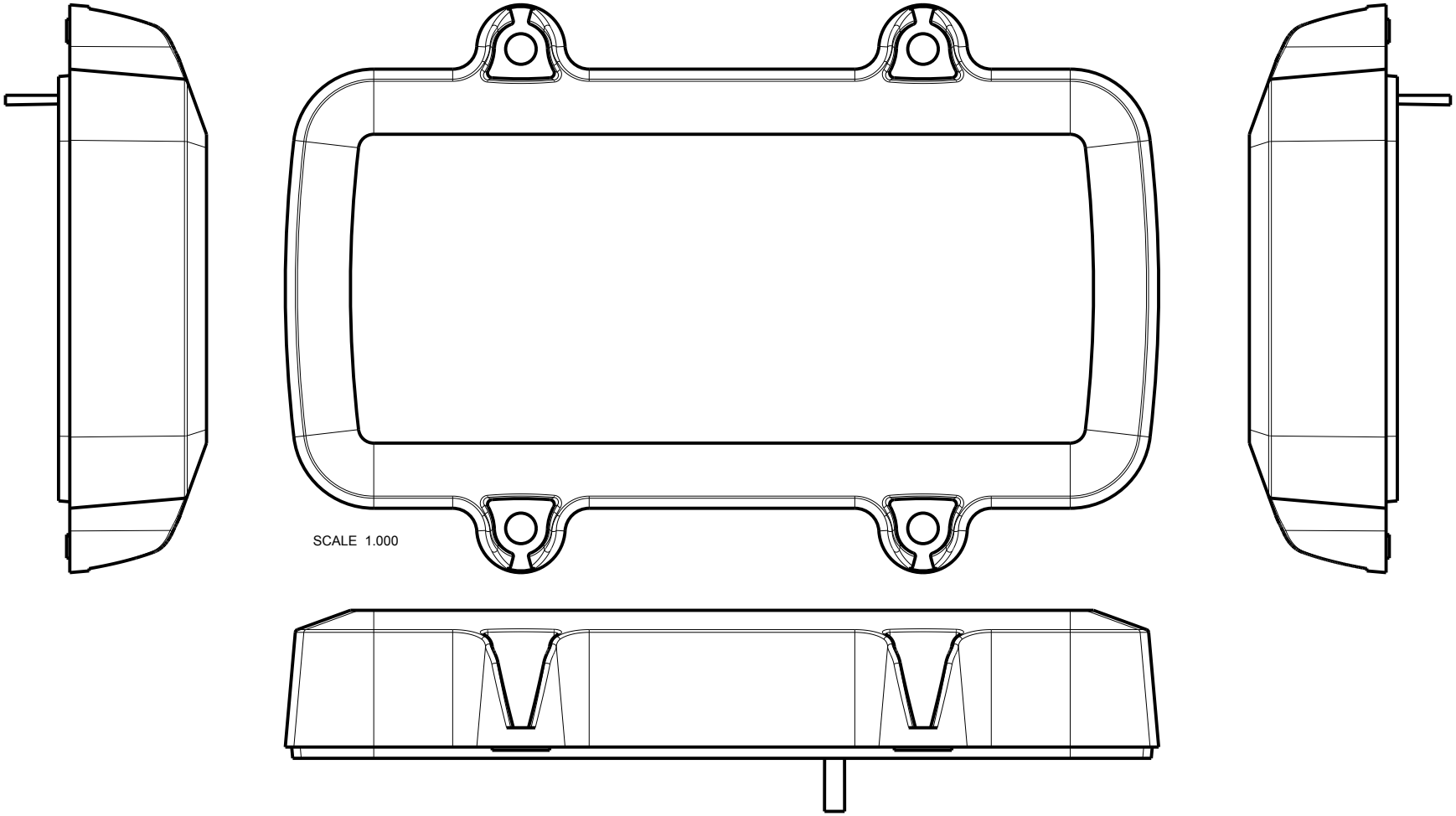

SCALE 1.000

SXL-542712-XXX COVER - ASA, BLACK

STEP NO	DESCRIPTION	CUTTER	FIXTURE	ORIENTATION	PROGRAM
1	-	T2 = .062" EM	-	-	-
2	-	T2 = .062" EM	-	-	-
3	-	T2 = .062" EM	-	-	-

SXL-542712-XXX COVER - ASA, BLACK

STEP NO	DESCRIPTION	INK COLOR	CLICHE DESCRIPTION	CLICHE No.
4	PAD PRINT	-	-	-

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WATER RESISTANT UTILITY
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SIZE	DRAWING NAME	SHEET	REV.DOC
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