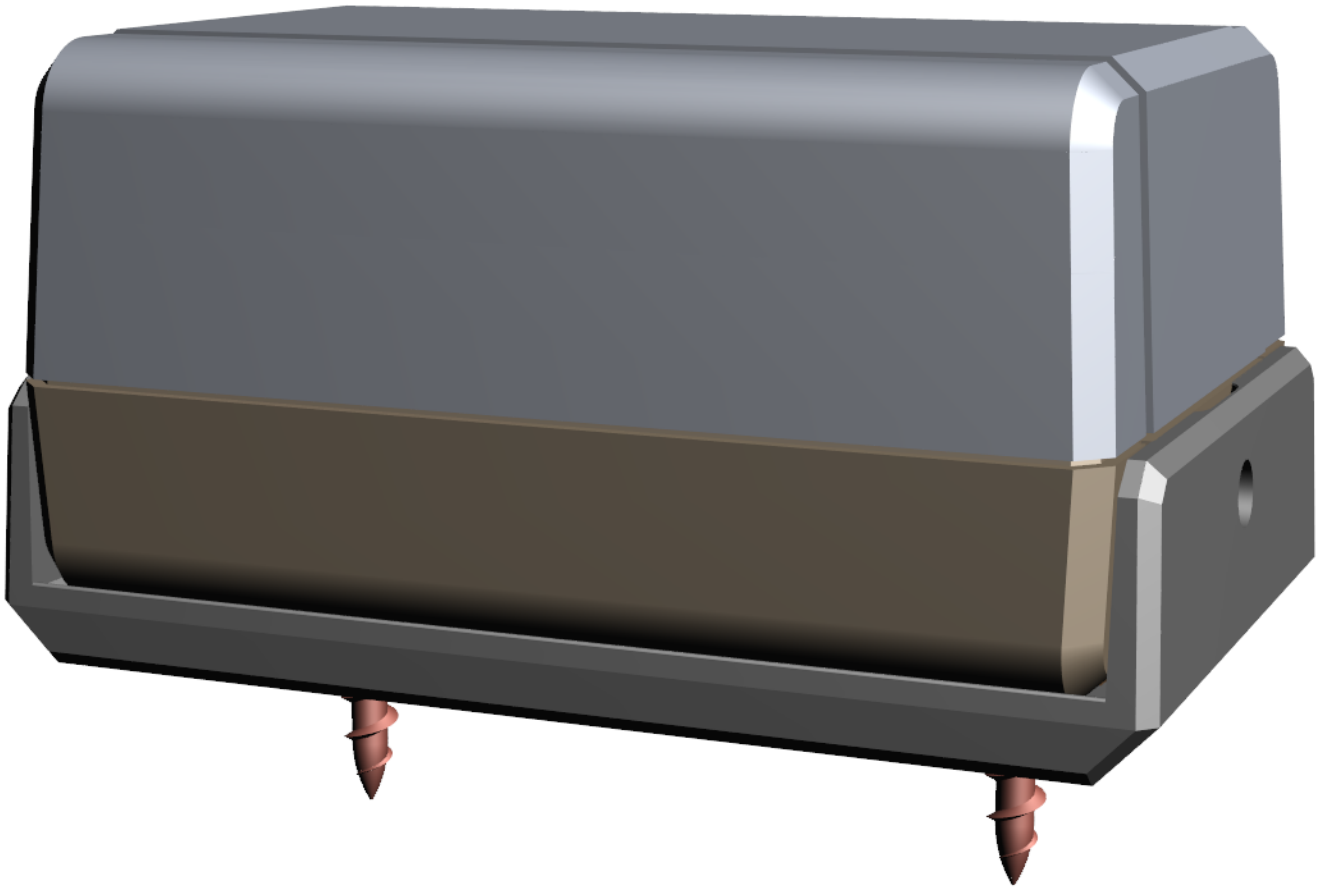

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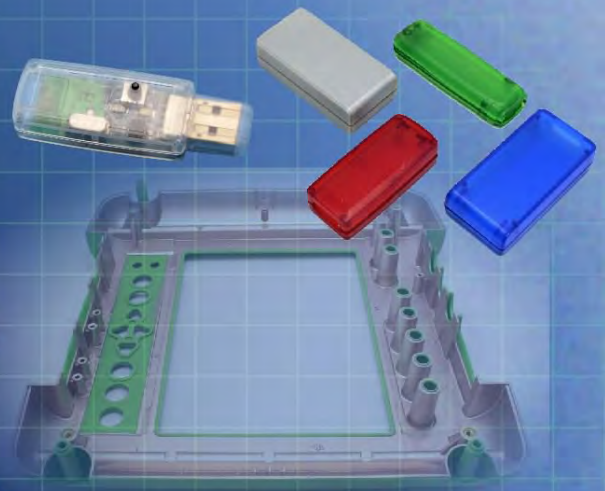

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NAE Cover H8 Boyer

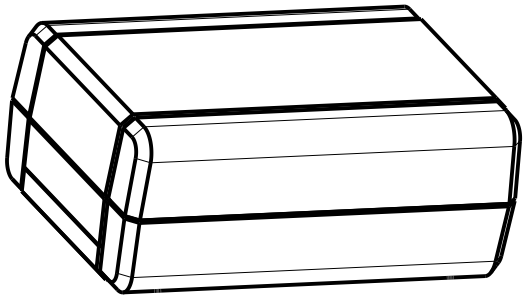
NOTES: UNLESS OTHERWISE SPECIFIED

1. CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
2. EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH.
   EQUIVALENT TO MT-11010.
3. INTERIOR SURFACE TEXTURE TO BE: NONE.
4. ALL INSIDE RADII .010R. ALL OUTSIDE RADII .020R MAX,
   UNLESS OTHERWISE SPECIFIED.
5. 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.
6. 1 DEGREE DRAFT IN THE DIRECTION OF PULL IS PERMISSIBLE
   UNLESS OTHERWISED SPECIFIED.
7. ASSEMBLY SCREWS FOR THE ENCLOSURE INCLUDED.
8. MATERIAL / COLOR: ABS PLASTIC IS STANDARD IN BLACK OR WHITE.
   CUSTOM MATERIALS AND COLORS ARE AVAILABLE UPON REQUEST FOR QUOTE.
9. PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND
   VERIFICATION OF ITS FIT ARE THE SOLE RESPONSIBILITY OF EACH CUSTOMER.

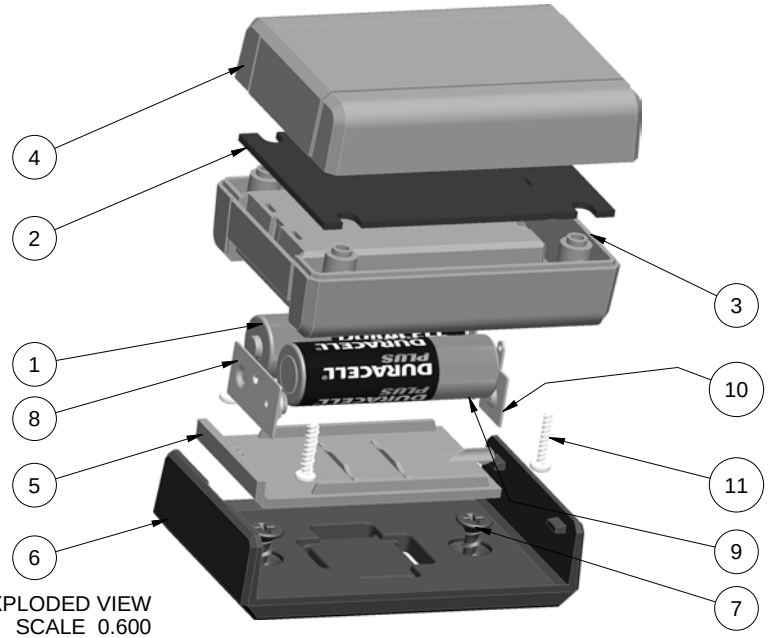
R E V I S I O N

REV.	DRAWN BY	ECO No	DESCRIPTION	DATE	APPROVED
A	M BOYER		PRELIMINARY RELEASE	21-Nov-09	D.C.
H	M BOYER		ADD RIBS AFTER REVIEW 7-12-10	13-Jul-10	D.C.
1.0	M BOYER		RELEASED BY CUSTOMER	21-Jul-10	D.C.
2.0	M BOYER	3810	ADJUST PCB INFO AND PCB POSTS	28-Sep-10	D.C.
2.1	M BOYER	3810	UNAPPROVED REV 2.0, UPDATE FORMAT	30-Sep-10	D.C.
3.0	R CRUZ	7613	ADD "TALL" CONFIGURATION	18-Oct-13	D.C.
4.0	M BOYER	8613	INCLUDE WALL CRADLE OPTION	16-Dec-13	D.C.
5.0	R CRUZ	2214	UPDATE CONFIGURATION TABLE	19-May-14	D.C.
5.1	R CRUZ	5014	REMOVE SCREW HOLE ON CRADLE, "TALL" CONFIGURATION	26-Nov-14	D.C.
6.0	M BOYER	00615	INCLUDE KEEP OUT ZONE AND ADD NOTCHES TO PCB	23-Jan-15	

S302112(x) CONFIGURATIONS					
	-Blank	-T	-K	-TK	-WP
302112 COVER	1		1		
302112T COVER		1		1	
302112 BASE	1	1			
302112 MACHINED BASE			1	1	
302112 HATCH	1	1	1	1	
302112 WALL CRADLE			1	1	1
#4 HiLo SCREW .500"	4	4	4	4	



302112 STANDARD
SCALE 0.750



EXPLODED VIEW
SCALE 0.600

ITEM	FILE NAME	DESCRIPTION	MATERIAL	COLOR	QTY.
11	SCREW_HILO-NO4X500	#4 HiLo x .500" SCREW	STEEL	ZINK PLATED	4
10	AA-SINGL-CONTACT-POS	ACC-AAPOS-5223	SPRING STEEL	SOLD SEPERATELY	1
9	AA-SINGL-CONTACT-NEG	ACC-AANEG-5201	SPRING STEEL	SOLD SEPERATELY	1
8	AA-DBL-CONTACT	ACC-AADBL-5212	SPRING STEEL	SOLD SEPERATELY	1
7	SCREW-DRYWALLX750	DRYWALL SCREW - REFERENCE	CUSTOMER SUPPLIED	DRYWALL SCREW	2
6	302112_WALL-CRADLE	302112 WALL CRADLE - STANDARD	ABS	BLACK or WHITE	1
5	302112_HATCH	302112 HATCH - STANDARD	ABS	BLACK or WHITE	1
4	302112_COVER	302112 COVER - STANDARD	ABS	BLACK or WHITE	1
3	302112_BASE	302112 BASE - STANDARD	ABS	BLACK or WHITE	1
2	302112_PCB	302112 PCB - REFERENCE	CUSTOMER SUPPLIED	.062" THICK	1
1	AA-BATTERY	AA BATTERY - REFERENCE	CUSTOMER SUPPLIED	"AA" SIZE	2

BILL OF MATERIALS

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

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X.XX = .015 X.XXXX = .001
X.XXX = .010 X.X° = 1°

NEW AGE ENCLOSURES

Customer's Part No: 302112

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	
DRAWN BY	M BOYER	21-Nov-09

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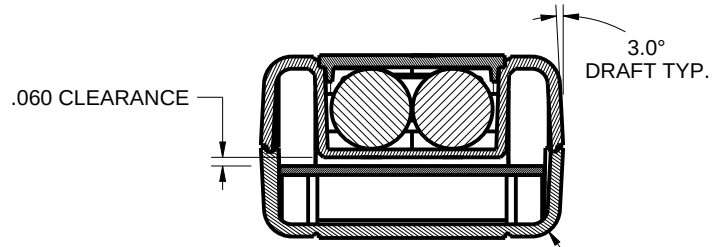
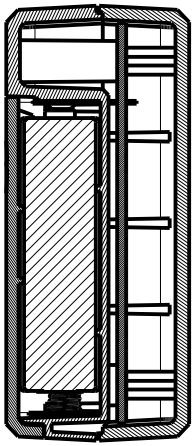
STANDARD - MINI AA
SXX-302112X-XXX

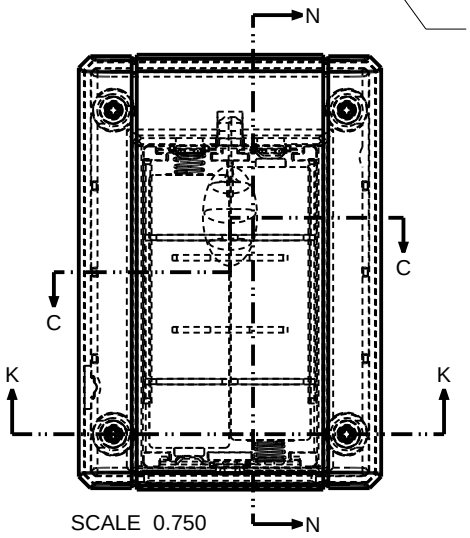
SIZE	DRAWING NAME	SHEET	REV.DOC
A	302112_R6_0	1 OF 9	6.0



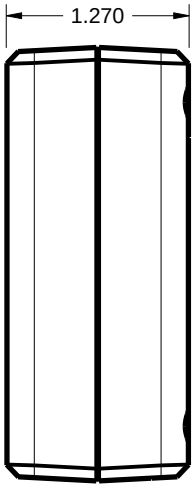
SECTION C-C

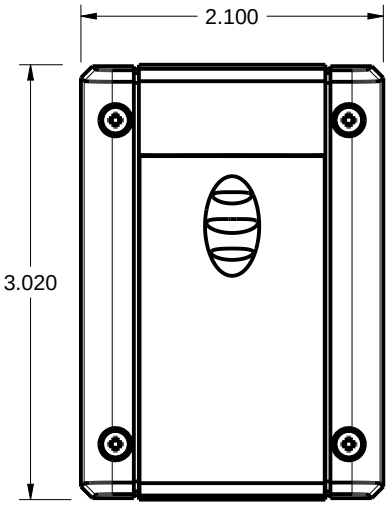


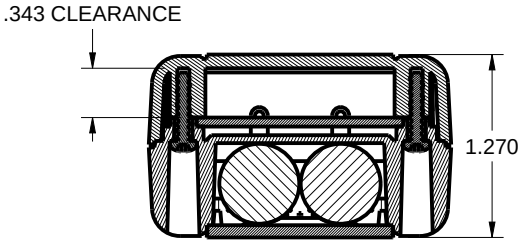
SECTION N-N



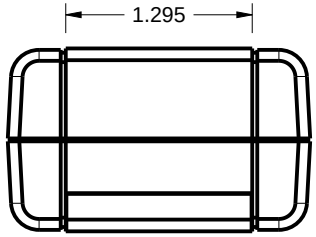
SCALE 0.750







SECTION K-K



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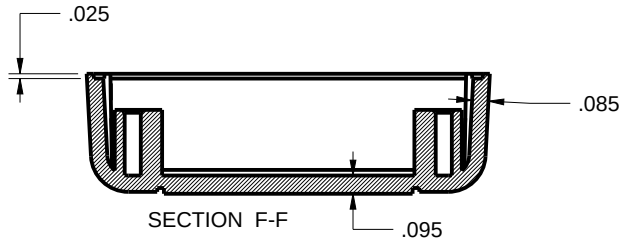
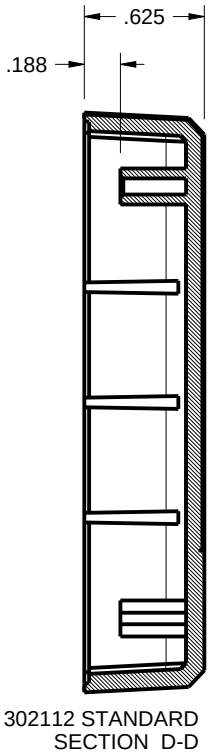
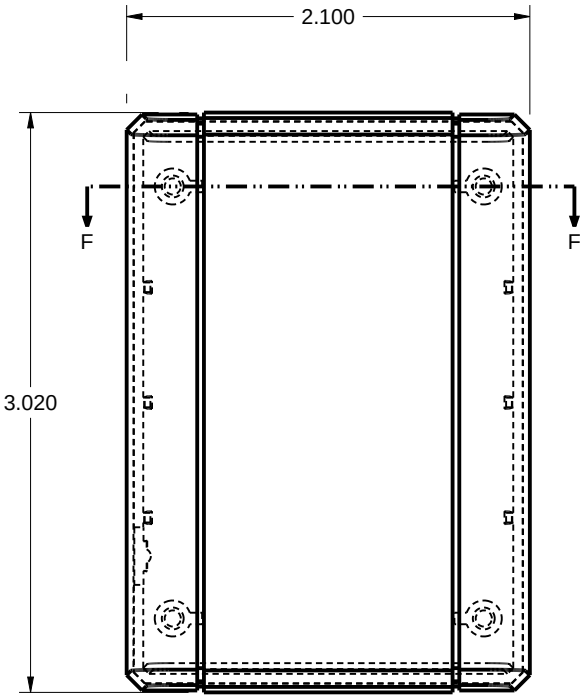
CHECK					
ENG.					
SCALE	AS NOTED				
DRAWN BY M BOYER 21-Nov-09		SIZE A	DRAWING NAME 302112_R6_0	SHEET 2 OF 9	REV.DOC 6.0

302112 - COVER

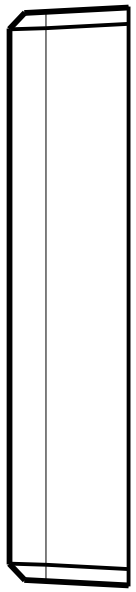


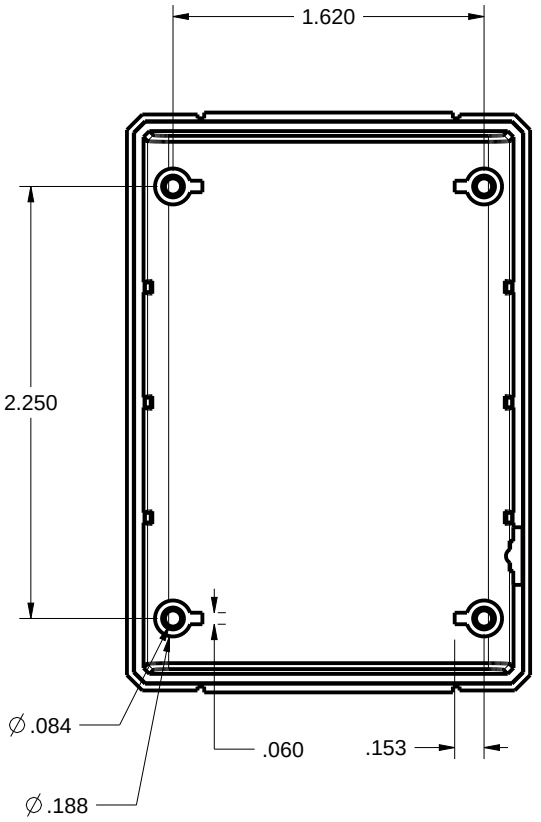


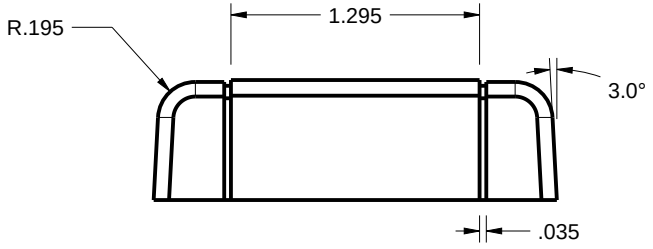
302112 STANDARD
SECTION D-D



SCALE 1.000







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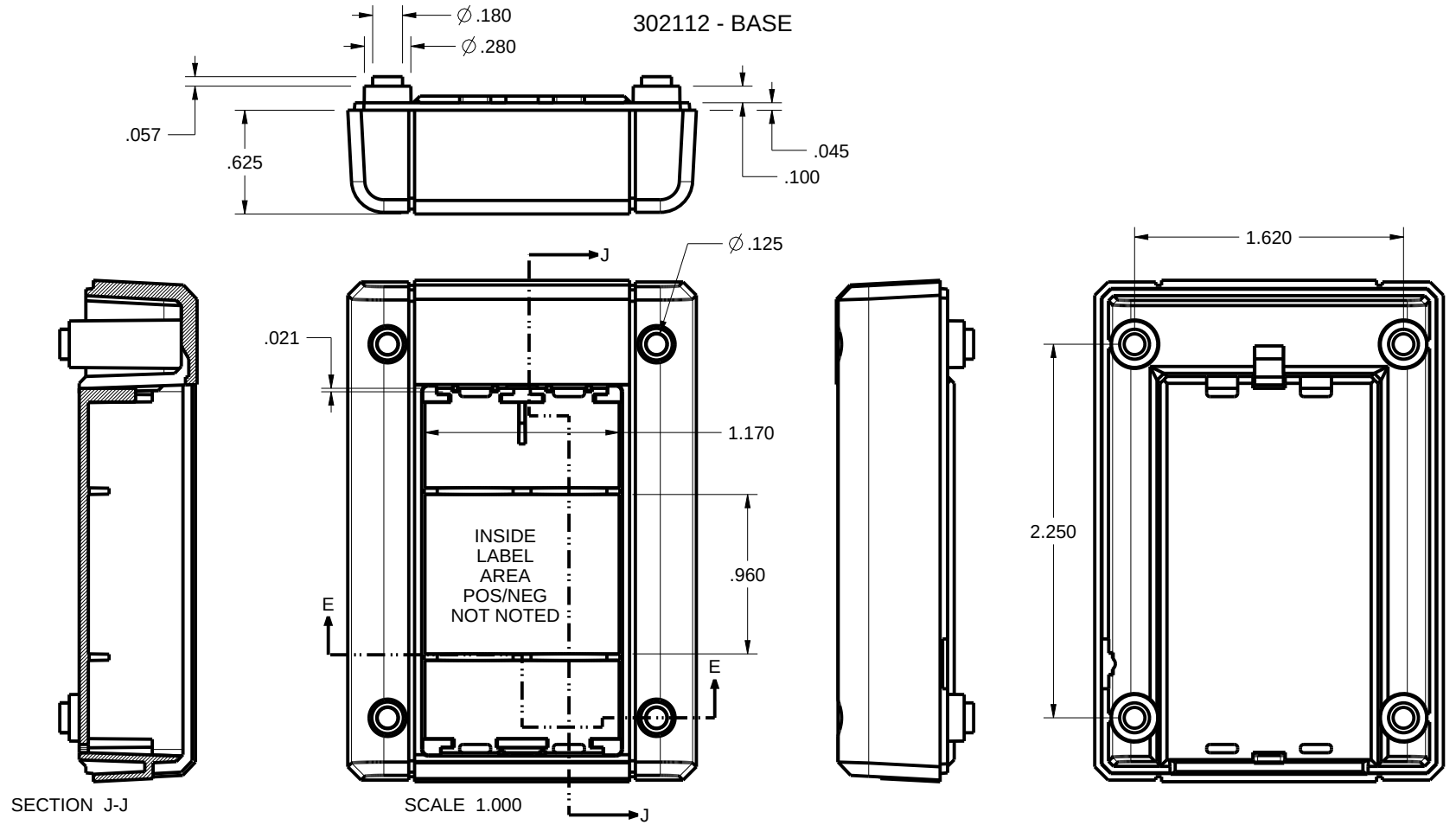
APPROVAL	BY DATE				
CHECK					
ENG.					
SCALE	AS NOTED				
DRAWN BY M BOYER 21-Nov-09		SIZE A	DRAWING NAME 302112_R6_0	SHEET 3 OF 9	REV.DOC 6.0



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APPROVAL	BY	DATE			
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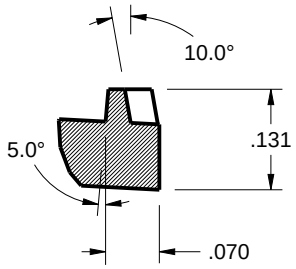
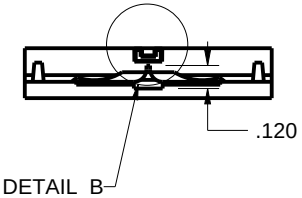
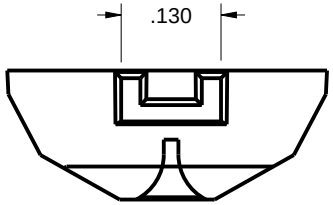
ENG.					
SCALE	AS NOTED				
DRAWN BY M BOYER 21-Nov-09	SIZE A	DRAWING NAME 302112_R6_0	SHEET 4 OF 9	REV.DOC 6.0	

302112 - HATCH



DETAIL C
SCALE 4.000





DETAIL B
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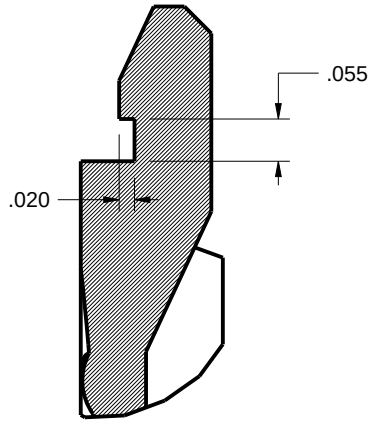

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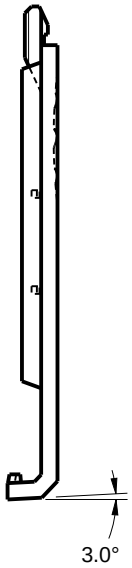

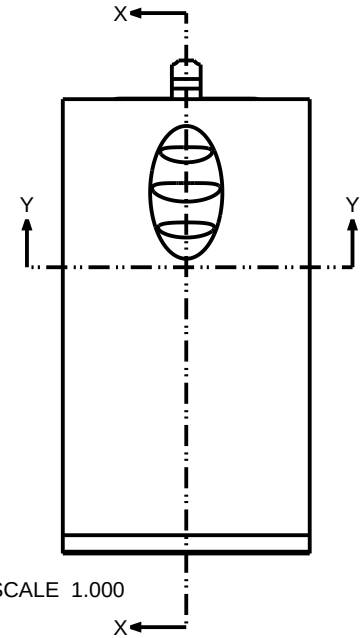

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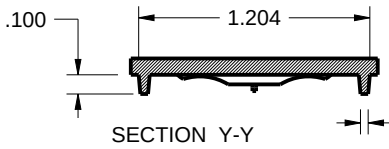
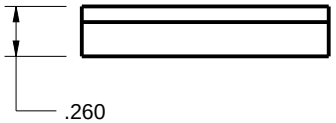
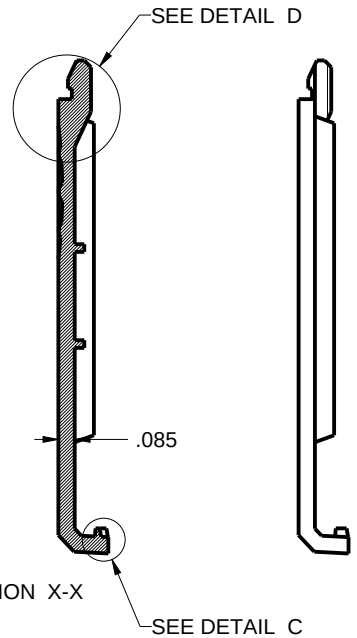


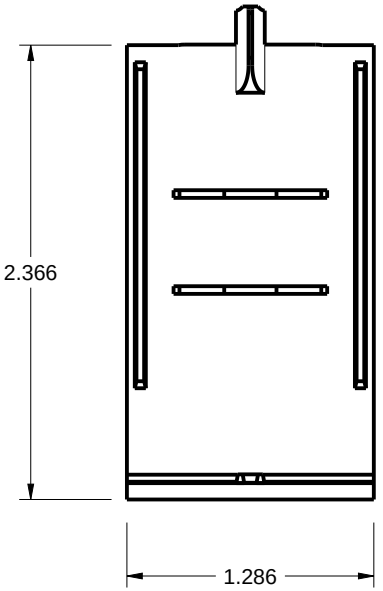
SECTION Y-Y

.040 +5° DRAFT/SIDE





SECTION X-X



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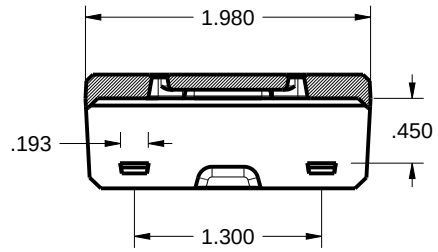
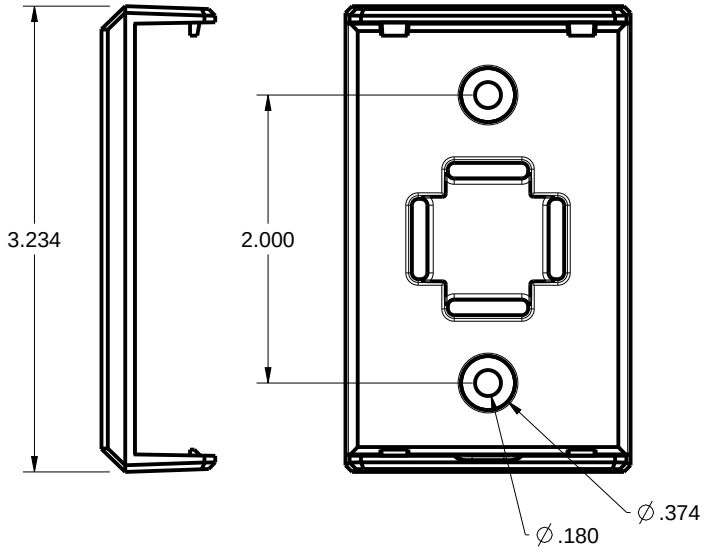
CHECK					
ENG.					
SCALE	AS NOTED				
DRAWN BY M BOYER 21-Nov-09		SIZE A	DRAWING NAME 302112_R6_0	SHEET 5 OF 9	REV.DOC 6.0

302112 - WALL CRADLE



SECTION Y-Y



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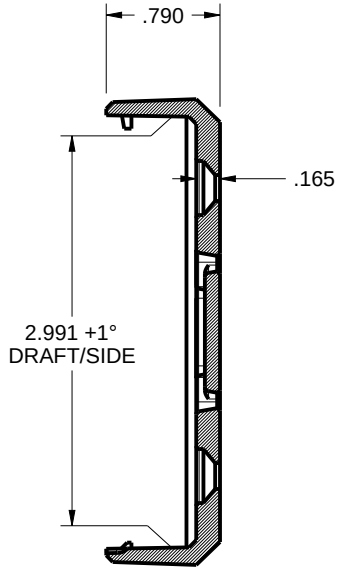

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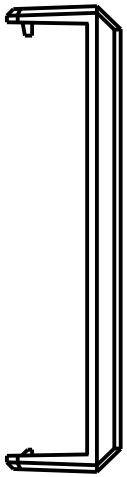
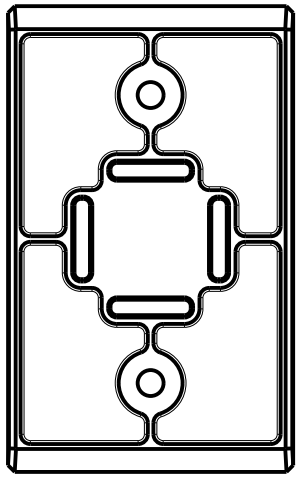
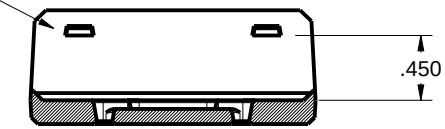
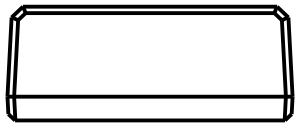




2nd OPERATION REQUIRED
ON 302112 BASE
TO ACCEPT CRADLE TABS



SECTION Y-Y



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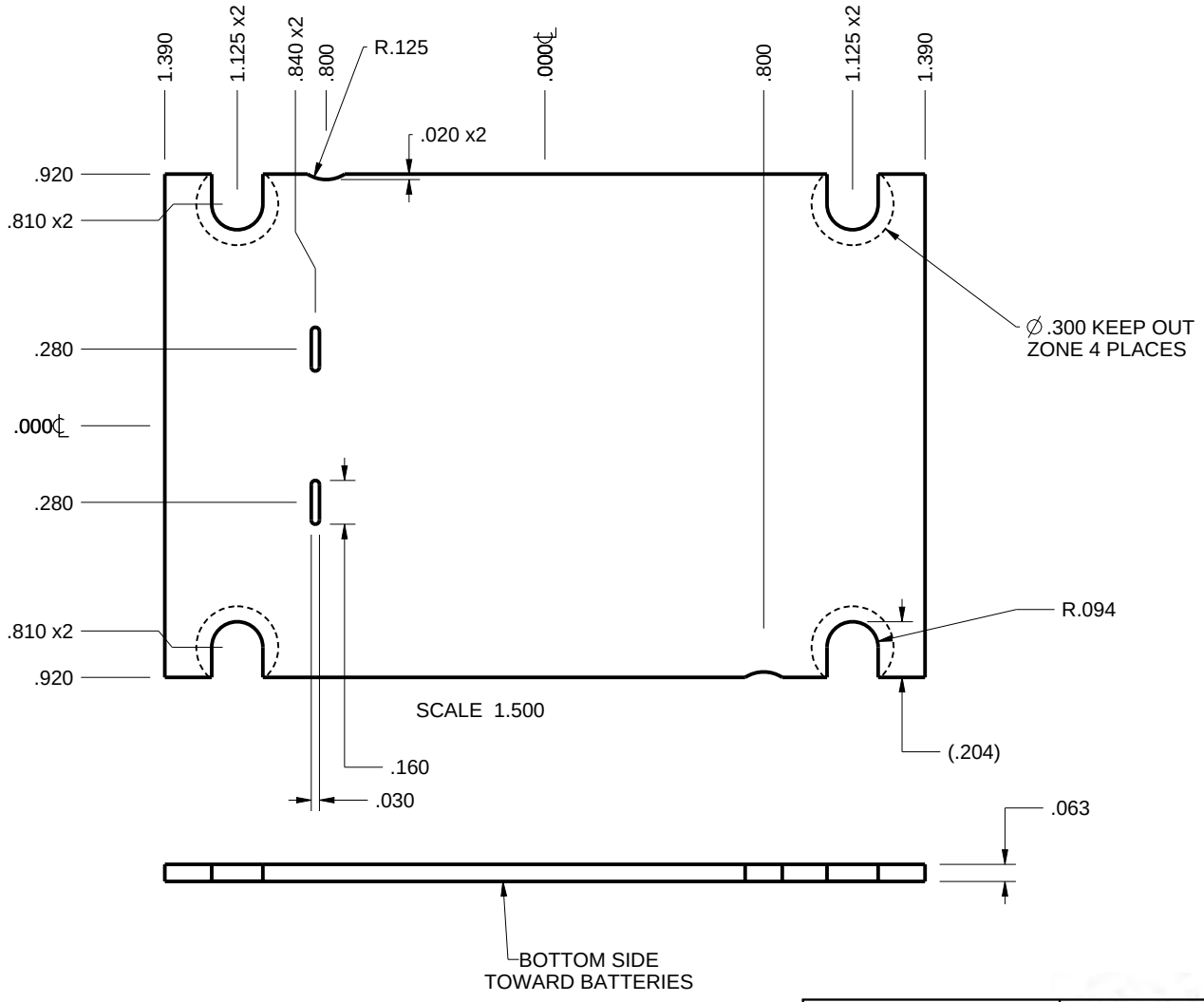
Customer's Part No: 302112					
APPROVAL	BY DATE				
CHECK					
ENG.					
SCALE	AS NOTED				
DRAWN BY M BOYER 21-Nov-09		SIZE A	DRAWING NAME 302112_R6_0	SHEET 6 OF 9	REV.DOC 6.0

302112 - PCB

PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF ITS FIT ARE THE SOLE RESPONSIBILITY OF THE OEM.



TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES. X.XX = .015 X.XXXX = .001 X.XXX = .010 X.X° = 1°		NEW AGE ENCLOSURES	
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Customer's Part No: 302112		STANDARD - MINI AA SXX-302112X-XXX	
APPROVAL	BY DATE		
CHECK			
ENG.			
SCALE	AS NOTED		
DRAWN BY M BOYER 21-Nov-09	SIZE A	DRAWING NAME 302112_R6_0	SHEET 7 OF 9 / REV.DOC 6.0

2nd OPERATION DETAILS - Page 1 of 2

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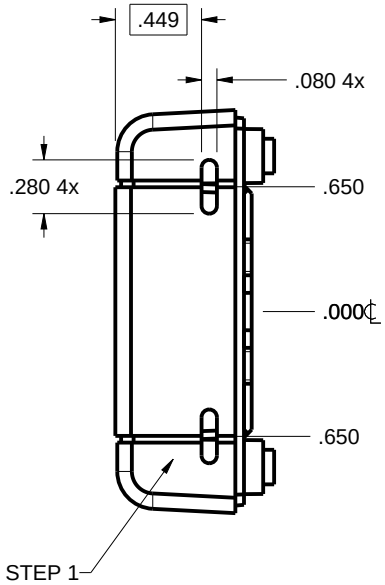
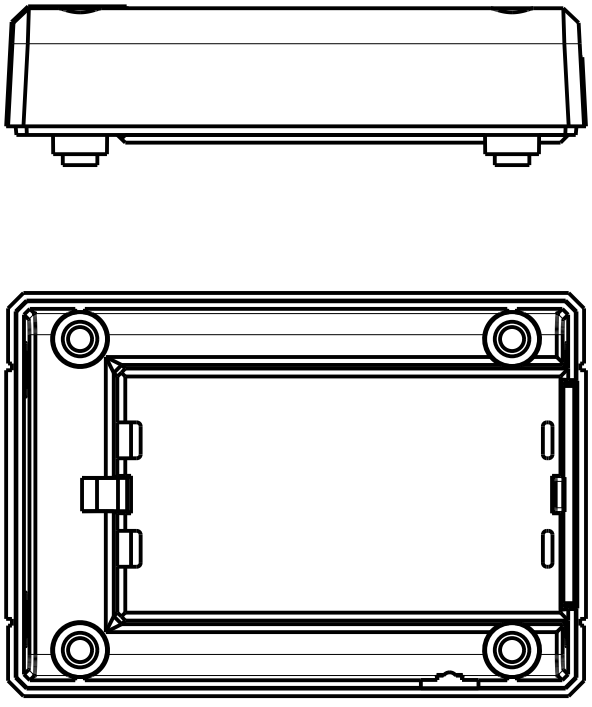
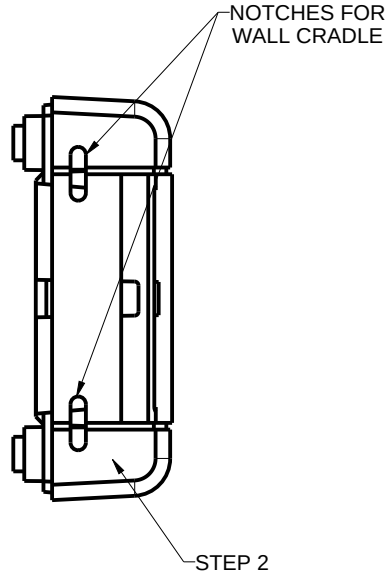




SCALE 1.000



SXX-302112X-XXX BASE - ABS, BLACK					
STEP NO	DESCRIPTION	CUTTER	FIXTURE	ORIENTATION	PROGRAM
1-C-C1	CRADLE NOTCHES	T2 = .062" EM	193	SINGLE	-
2-C-C2	CRADLE NOTCHES	T2 = .062" EM	193	SINGLE	-

TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES.
X.XX = .015 X.XXXX = .001
X.XXX = .010 X.X° = 1°

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CHECK		
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SCALE	AS NOTED	
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STANDARD - MINI AA
SXX-302112X-XXX

SIZE	DRAWING NAME	SHEET	REV.DOC
A	302112_R6_0	8 OF 9	6.0

2nd OPERATION DETAILS - Page 2 of 2

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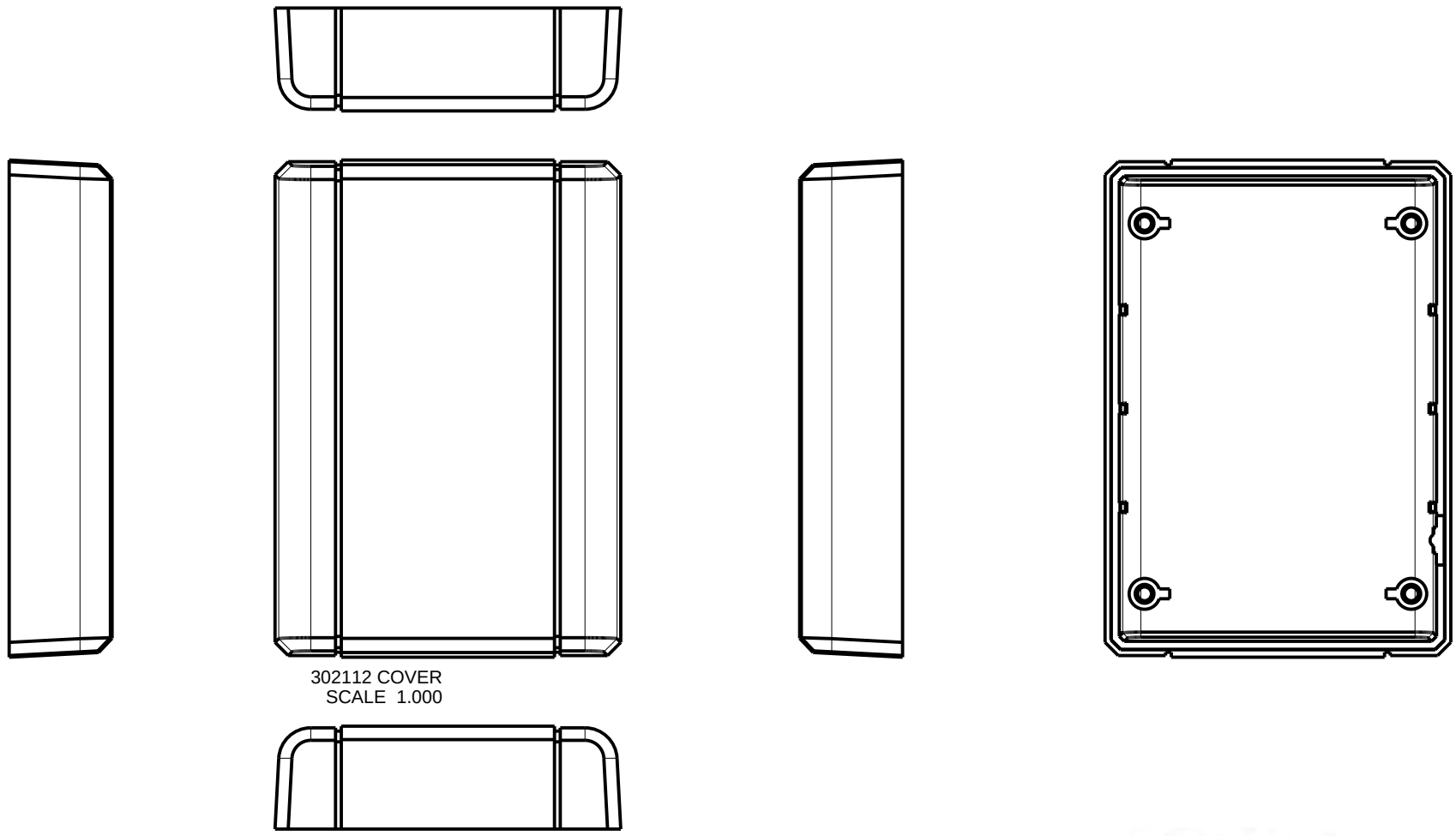

302112 COVER
SCALE 1.000

SXX-302112X-XXX COVER - ABS, BLACK

STEP NO	DESCRIPTION	CUTTER	FIXTURE	ORIENTATION	PROGRAM
1-C-C1	-	T2 = .062" EM	193	SINGLE	
2-C-C2	-	T2 = .062" EM	193	-	
3-C-C3	-	T2 = .062" EM	193	-	

TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES.
X.XX = .015 X.XXXX = .001
X.XXX = .010 X.X° = 1°

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Customer's Part No: 302112

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	

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STANDARD - MINI AA
SXX-302112X-XXX

SIZE	DRAWING NAME	SHEET	REV.DOC
A	302112_R6_0	9 OF 9	6.0

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