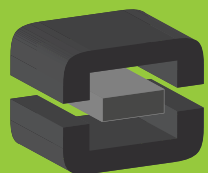


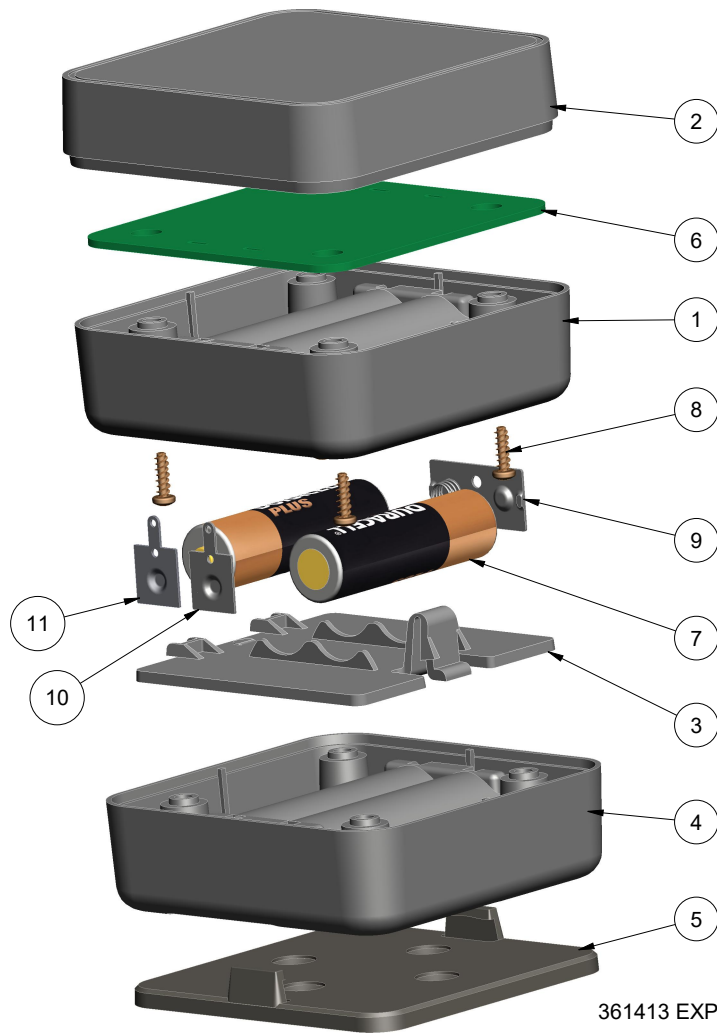
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CNC CUTOUTS
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RF/EMI SHEILDING
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CUSTOM ENCLOSURES AND DESIGN



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ENCLOSURES
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361413 EXPLODED VIEW
SCALE 0.660

11	AA-SINGL-CONTACT-POS	ACC-AAPOS-5223	SPRING STEEL	SOLD SEPARATELY	1
10	AA-SINGL-CONTACT-NEG	ACC-AANEG-5201	SPRING STEEL	SOLD SEPARATELY	1
9	AA-DBL-CONTACT	ACC-AADBL-5212	SPRING STEEL	SOLD SEPARATELY	1
8	SCREW_HILO-NO4X375	#4 HILO x .375" SCREW	ZINK PLATED	INCLUDED	4
7	BATTERY_AA	"AA" SIZE BATTERY	REFERENCE	CUSTOMER SUPPLIED	2
6	303015-PCB_062	361413 .062" PCB - REFERENCE	.062" THICK	CUSTOMER SUPPLIED	1
5	303015-WALLPLATE-FLAT	303015 WALL PLATE - STANDARD	ABS	BLACK or WHITE	1
4	303015-WALLBASE	361413 WALL BASE - STANDARD	ABS	BLACK or WHITE	1
3	303015-HATCH	361413 HATCH - STANDARD	ABS	BLACK or WHITE	1
2	303015-COVER	361413 COVER - STANDARD	ABS	BLACK or WHITE	1
1	303015-BASE	361413 BATTERY BASE - STANDARD	ABS	BLACK or WHITE	1
ITEM	FILE NAME	DESCRIPTION	MATERIAL	COLOR	QTY.

BILL OF MATERIALS

R E V I S I O N

REV.	DRAWN BY	ECO No	DESCRIPTION	DATE	APPROVE
A	M BOYER		PRELIMINARY RELEASE	2018-Oct-25	D.C.
B	M BOYER		REVISE TITLE	2018-Nov-15	D.C.
C	M BOYER		UPDATE MODEL PER REVIEW FEEDBACK	2019-Feb-25	D.C.
D	M BOYER		REVISE PER FEEDBACK MEETING	2019-Apr-18	D.C.
E	M BOYER		REVISE PER FA DESIGN REVIEW	2019-Jun-26	

NOTES: UNLESS OTHERWISE SPECIFIED

- CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
- EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH, EQUIVALENT TO MT-11010. APPEARANCE AND DEPTH OF TEXTURE VARIES OVER TIME DUE TO WEAR.
- INTERIOR SURFACE TEXTURE TO BE: AS MOLDED.
- ALL INSIDE RADII .010R. UNLESS OTHERWISE SPECIFIED.
- 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.
- 1 DEGREE DRAFT IN THE DIRECTION OF PULL IS PERMISSIBLE UNLESS OTHERWISE SPECIFIED.
- MATERIAL / COLOR: ABS PLASTIC IS STANDARD IN BLACK OR WHITE. CUSTOM MATERIALS AND COLORS ARE AVAILABLE UPON REQUEST FOR QUOTE.
- PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF ITS FIT ARE THE SOLE RESPONSIBILITY OF EACH OWNER.
- ASSEMBLY SCREWS FOR THE ENCLOSURE INCLUDED.
- THIS DRAWING IS BASED ON A SOLID MODEL, AND IS FURTHER DEFINED BY THE SOLID MODEL FILE.
- ALLOWABLE FLASH: 0.005 MAX.
- ALL EJECTOR PIN MARKS TO BE WITHIN 0.010" OF FLUSH, PROTRUDING OR BELOW FLUSH.
- TRIM GATE WITHIN 0.015" OF FLUSH.

303015(x) CONFIGURATIONS

	-Blank	-K
303015 COVER	1	1
303015 BATTERY BASE	1	
303015 BATTERY WALL BASE		1
303015 BATTERY HATCH	1	
303015 WALL PLATE		1
303015 PCB	1*	1*
#4 HILO SCREW .375"	4	4

* = NOT INCLUDED (CUSTOMER SUPPLIED)

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

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

Customer's Part No: 303015

APPROVAL BY DATE

CHECK

ENG.

SCALE AS NOTED

DRAWN BY M BOYER

2018-Oct-25

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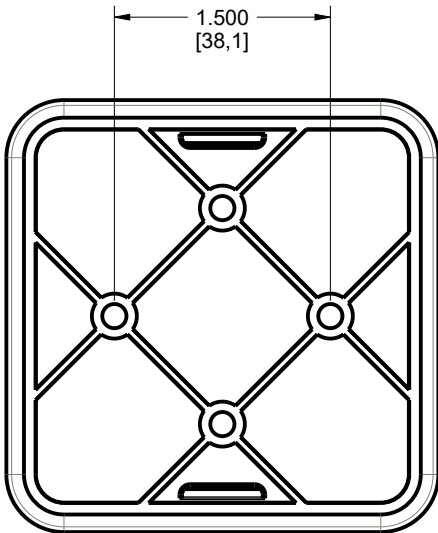
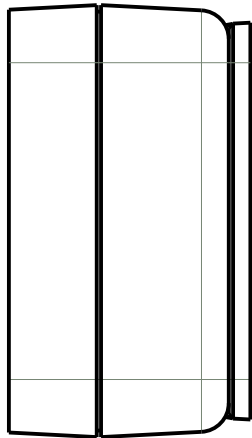
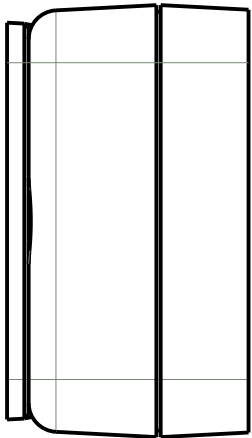
**2 AA CUBE - STANDARD
SXX-303015X-XXX**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	303015_RE	1 OF 9	E

303015 ASSEMBLY



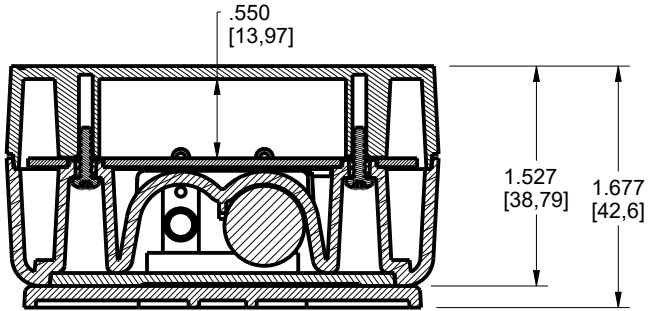
3.000 □
[76,2]



1.500
[38,1]

SCALE 0.750

R.400
[10,16]



SECTION S-S

.550
[13,97]

1.527
[38,79]

1.677
[42,6]

TOLERANCES- UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN U.S. INCHES.
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X.XXX = .010 X.X° = 1°

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APPROVAL BY DATE

CHECK

ENG.

SCALE AS NOTED

DRAWN BY
M BOYER 2018-Oct-25

NEW AGE ENCLOSURES

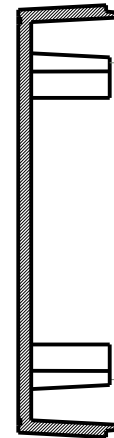
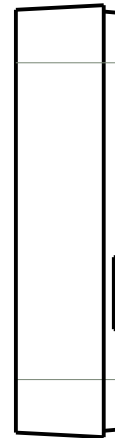
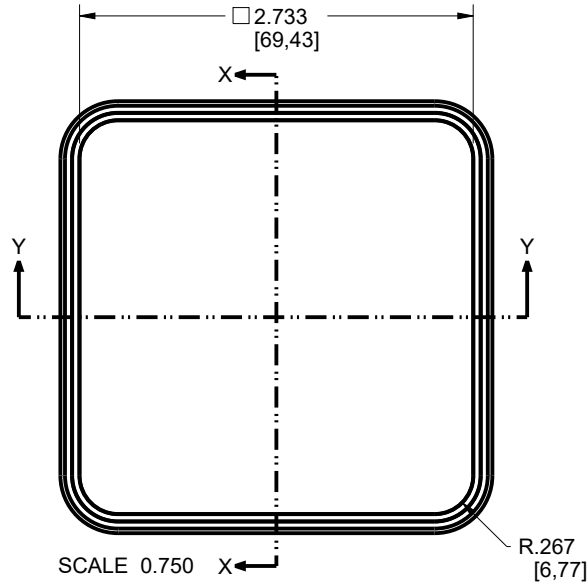
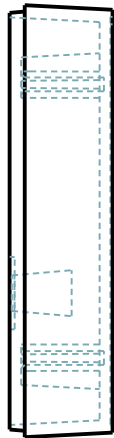
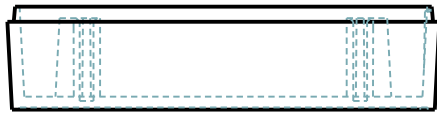
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SXX-303015X-XXX

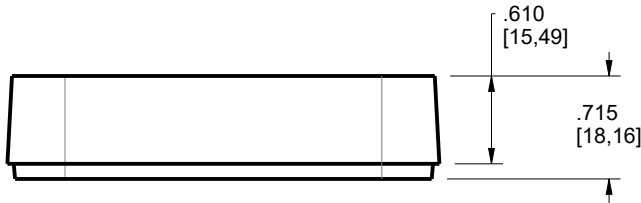
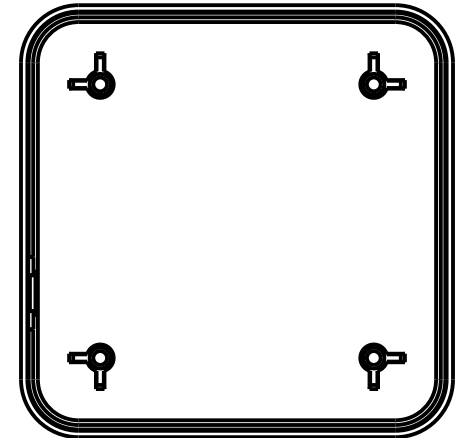
SIZE A
DRAWING NAME
303015_RE

SHEET 2 OF 9
REV.DOC E

303015 COVER



SECTION X-X



SECTION Y-Y

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

Customer's Part No: 303015

APPROVAL	BY	DATE
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ENG.		
SCALE	AS NOTED	

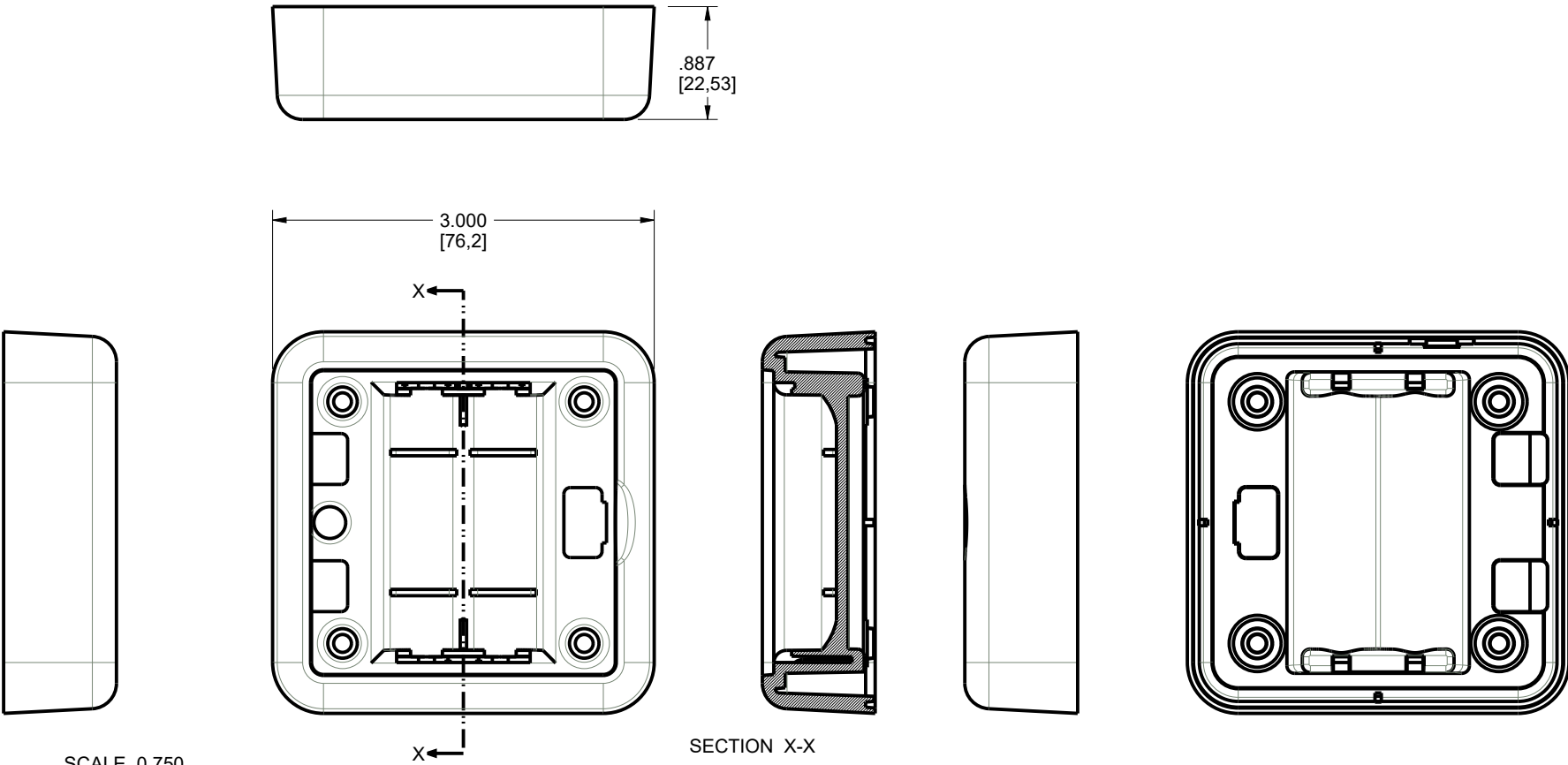
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SXX-303015X-XXX

SIZE	DRAWING NAME	SHEET	REV.DOC
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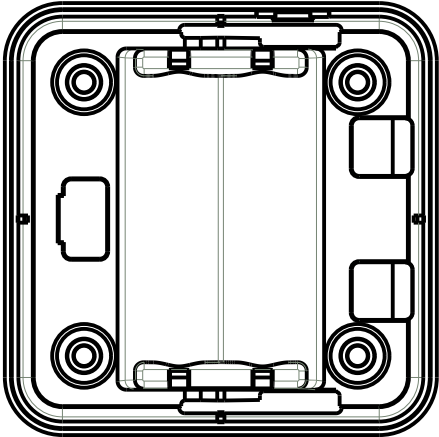
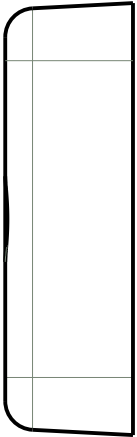
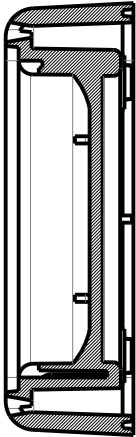
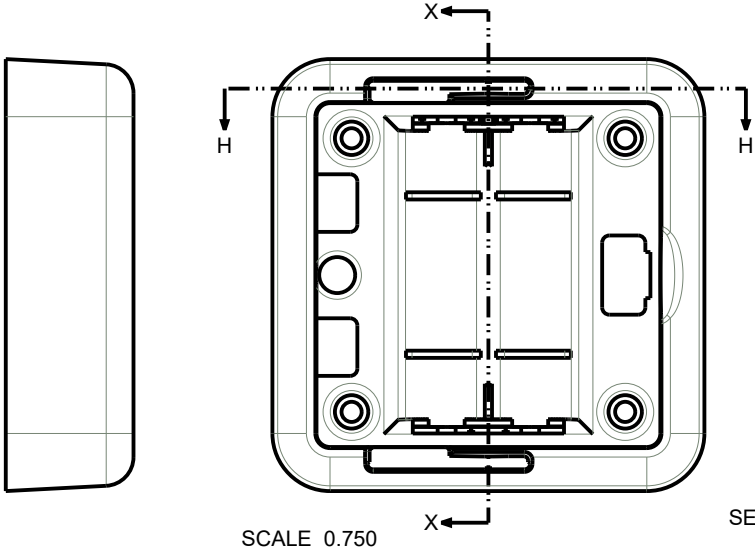
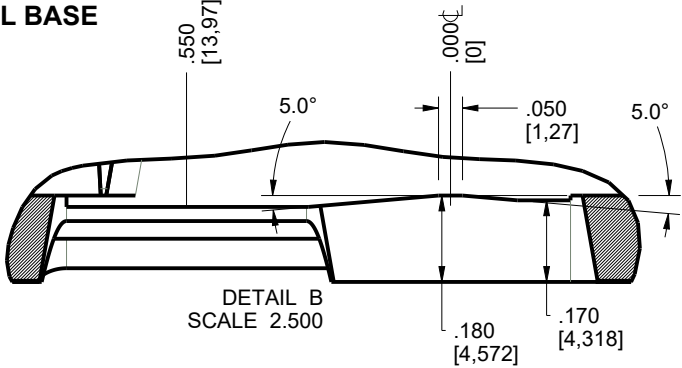
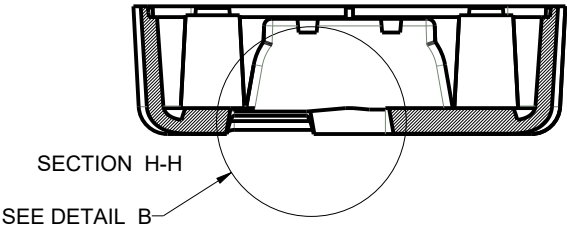
303015 BASE



OPEN SLOTS TO RECEIVE WALL PLATE
AVAILABLE ON 303015K CONFIGURATION ONLY

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 2240 South Thornburg Street Santa Maria, CA. 93455 ph. (805) 595-1310 fax (805) 595-1024 www.newageenclosures.com	
Customer's Part No: 303015			
APPROVAL	BY	DATE	
CHECK			
ENG.			
SCALE	AS NOTED		
DRAWN BY M BOYER	2018-Oct-25	SIZE A	DRAWING NAME 303015_RE
		SHEET 4 OF 9	REV.DOC E

303015 WALL BASE



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
Customer's Part No: 303015

APPROVAL BY DATE
CHECK
ENG.
SCALE AS NOTED

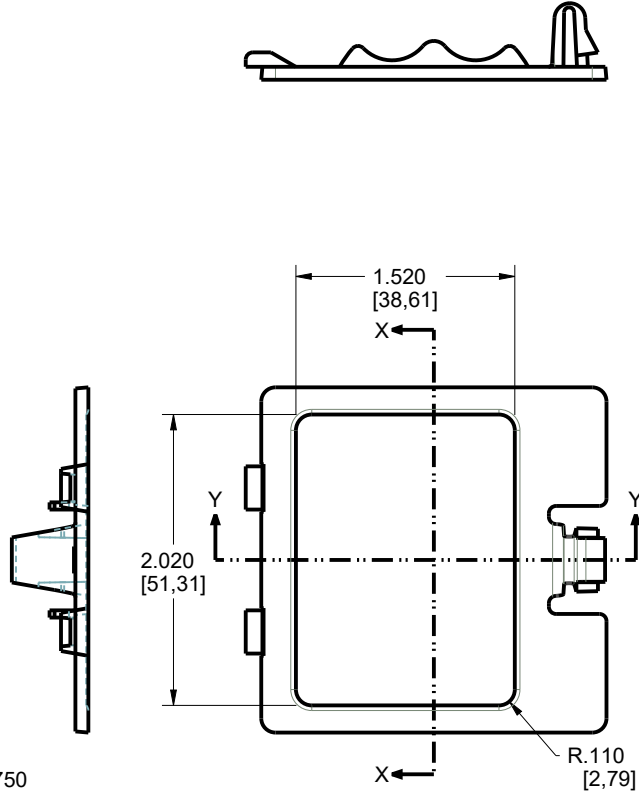
DRAWN BY
M BOYER 2018-Oct-25

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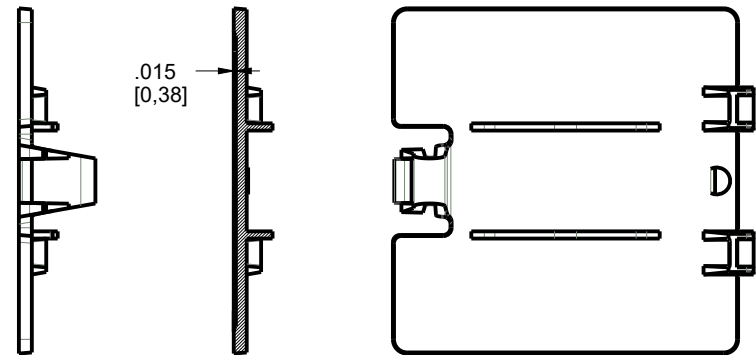
2 AA CUBE - STANDARD
SXX-303015X-XXX

SIZE A DRAWING NAME 303015_RE SHEET 5 OF 9 REV.DOC E

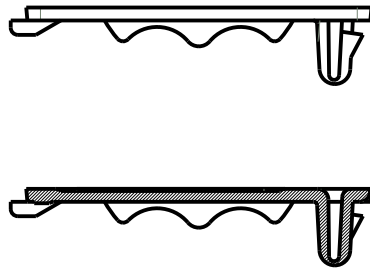
303015 HATCH



SCALE 0.750



SECTION X-X

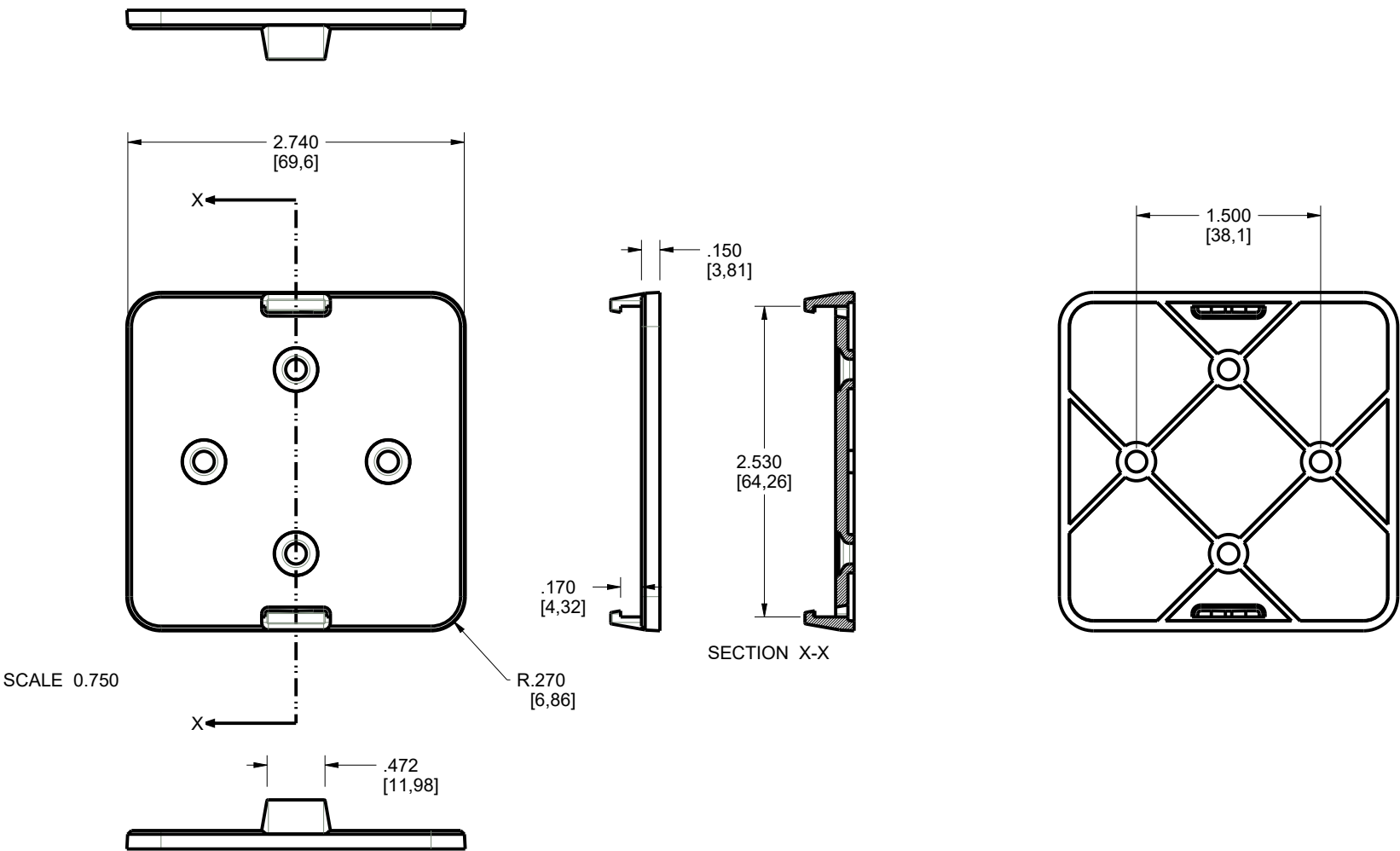


SECTION Y-Y

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		
Customer's Part No: 303015		
APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	
DRAWN BY	2018-Oct-25	
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2 AA CUBE - STANDARD		
SXX-303015X-XXX		
SIZE	DRAWING NAME	SHEET
A	303015_RE	6 OF 9
		REV.DOC
		E

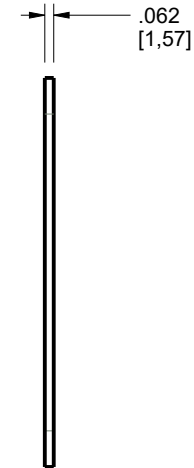
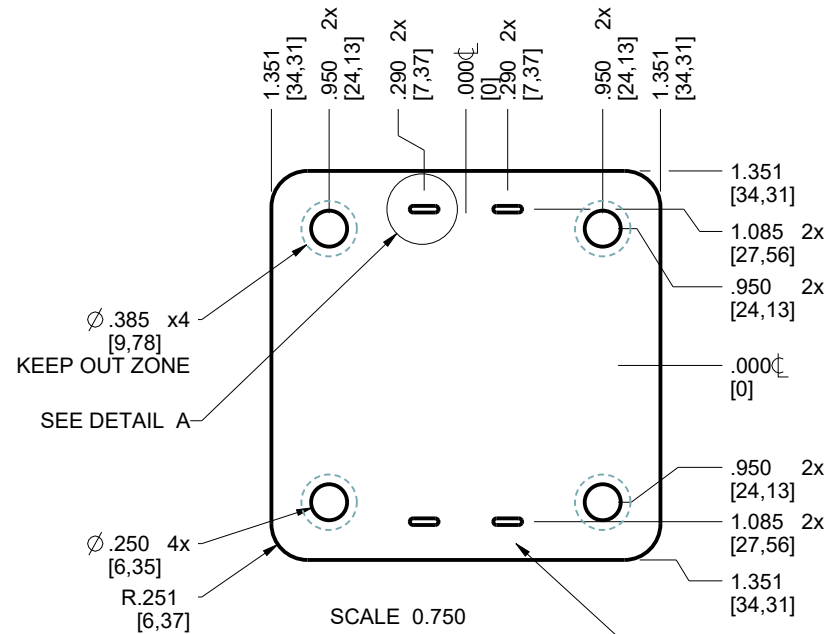
303015 WALL PLATE



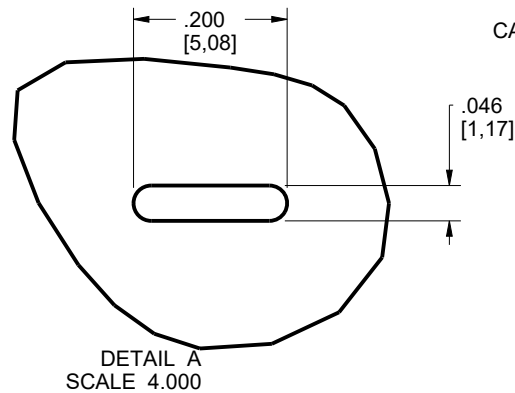
TOLERANCES- UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES. X.XX = .015 X.XXXX = .001 X.XXX = .010 X.X° = 1°				NEW AGE ENCLOSURES	
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Customer's Part No: 303015				2 AA CUBE - STANDARD SXX-303015X-XXX	
APPROVAL	BY	DATE		SIZE	DRAWING NAME
CHECK				A	303015_RE
ENG.					
SCALE	AS NOTED				
DRAWN BY	2018-Oct-25			SHEET	REV.DOC
M BOYER				7 OF 9	E

303015 PCB - CUSTOMER SUPPLIED

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



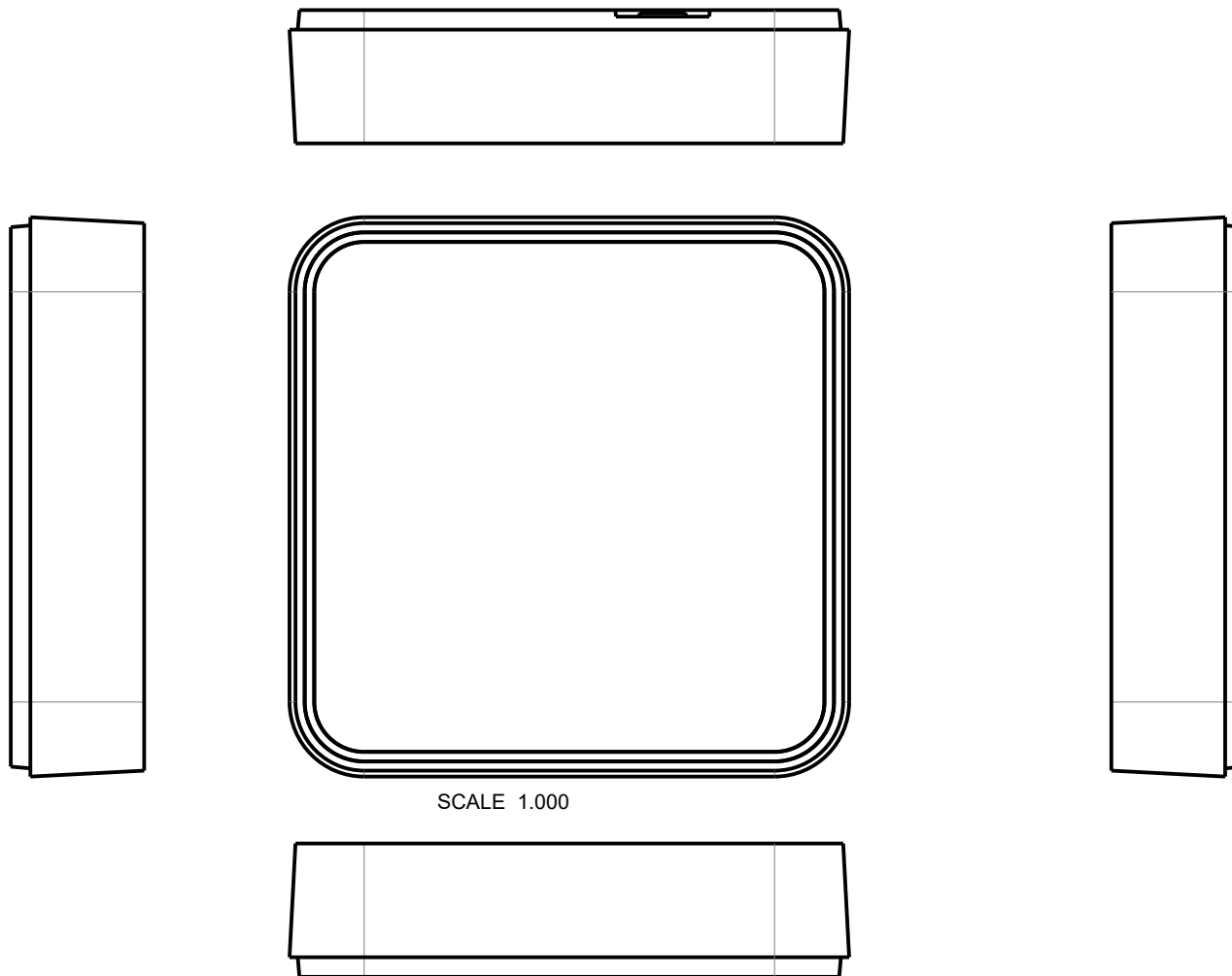
DEPENDING ON HOW THE CONTACTS ARE USED,
IN SERIES OR PARALLEL, THE BOARD WILL NEED
TWO OR FOUR SOLDER HOLES. THE BATTERY CONTACTS
CAN ALSO BE BENT 90 DEGREES AND WIRED TO THE BOARD INSTEAD OF
DIRECTLY SOLDERED IN THESE LOCATIONS.



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: 303015				2 AA CUBE - STANDARD SXX-303015X-XXX	
APPROVAL	BY	DATE		SIZE	DRAWING NAME
CHECK				A	303015_RE
ENG.					
SCALE	AS NOTED			SHEET	REV.DOC
DRAWN BY	2018-Oct-25			8 OF 9	E
M BOYER					

303015 - 2nd OPERATION DETAILS

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CNC MACHINING, PAD PRINTING, ASSEMBLY, AND FULFILLMENT.
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CALL (805) 595-1310 FOR PRICING AND SCHEDULE.
THE INSIDE RADIUS OF ANY MACHINED FEATURES SHOULD BE NO SMALLER THAN .031"



SCALE 1.000

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

NEW AGE ENCLOSURES

Customer's Part No: 303015

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	
DRAWN BY	M BOYER	
	2018-Oct-25	

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2 AA CUBE - STANDARD
SXX-303015X-XXX

SXX-303015X-XXX COVER - ABS, BLACK					
STEP NO	DESCRIPTION	CUTTER	FIXTURE	ORIENTATION	PROGRAM
1-C-C1	-	T2 = .062" EM	-	-	-
2-C-C2	-	T2 = .062" EM	-	-	-

SIZE	DRAWING NAME	SHEET	REV.DOC
A	303015_RE	9 OF 9	E

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