

# NEW AGE ENCLOSURES

4330 Santa Fe Road  
San Luis Obispo, CA 93401  
T 805.595.1310  
F 805.595.1024  
[www.NewAgeEnclosures.com](http://www.NewAgeEnclosures.com)



## Fast and Affordable Customization.

Ordering a market-ready enclosure© is made fast and affordable with our complete in-house capabilities. New Age provides machined openings to fit your PCB, pad printing for your company graphics, complete custom enclosures, custom colors, cable assemblies, wire harnesses, final assembly, testing and fulfillment services to save you additional time and money. Ask your representative for a free quote today 805-595-1310.

Sample CNC modifications, pad printing, colored resins, cable assembly, custom enclosure, and assembled remote control with key pad are shown below.



**CNC Machining**



**Pad Printing**



**Custom Colors**



**Cables & Wire Harnesses**



**Custom Enclosures**

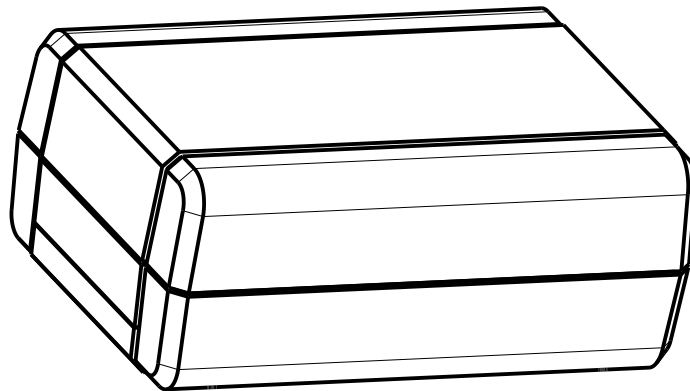


**Assembly & Testing**

**"Market-Ready Enclosures© For Today's Electronics."**

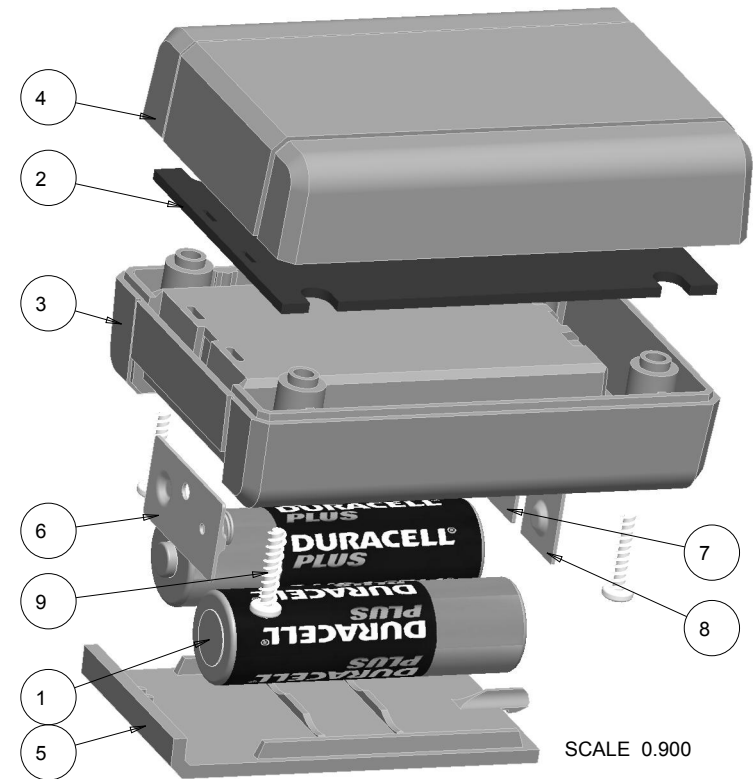
NOTES: UNLESS OTHERWISE SPECIFIED

1. CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
2. EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH. EQUIVELANT 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 OTHERWISE 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 IT'S FIT ARE THE SOLE RESPONSIBILITY OF OEM.



SCALE 1.000

REVISION					
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	



SCALE 0.900

9	SCREW_HILO-NO4X500	#4 HILO x .500" SCREW	STEEL	ZINK PLATED	4
8	AA-SINGL-CONTACT-POS	ACC-AAPOS-5223	SPRING STEEL	SOLD SEPERATELY	1
7	AA-SINGL-CONTACT-NEG	ACC-AANEG-5201	SPRING STEEL	SOLD SEPERATELY	1
6	AA-DBL-CONTACT	ACC-AADBL-5212	SPRING STEEL	SOLD SEPERATELY	1
5	302112_HATCH	S302112 HATCH - STANDARD	ABS	BLACK-WHITE	1
4	302112_COVER	S302112 COVER - STANDARD	ABS	BLACK-WHITE	1
3	302112_BASE	S302112 BASE - STANDARD	ABS	BLACK-WHITE	1
2	302112_PCB	S302112 PCB - REFERENCE	CUSTOMER SUPPLIED	.062" THICK	1
1	AA-BATTERY	AA BATTERY - REFERENCE	CUSTOMER SUPPLIED	"AA" SIZE	2
ITEM	FILE NAME	DESCRIPTION	MATERIAL	COLOR	QTY.

BILL OF MATERIALS

THIRD ANGLE PROJECTION  
DO NOT SCALE DRAWING

NOTICE: THE INFORMATION AND DATA CONTAINED HEREIN IS CONSIDERED PROPRIETARY TO ALLTEC INTEGRATED MFG INC & SHALL REMAIN THE EXCLUSIVE PROPERTY OF ALLTEC INTEGRATED MFG INC. THE HOLDER WILL ASSUME CUSTODY AND CONTROL THAT THIS DOCUMENT WILL NOT BE COPIED, REPRODUCED, OR DISCLOSED WITHOUT THE EXPRESS WRITTEN CONSENT OF ALLTEC INTEGRATED MFG INC. POSSESSION OF THIS DOCUMENT DOES NOT CONSTITUTE A GRANT TO MANUFACTURE ANY ITEMS.  
© 2010

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: XXX

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE		AS NOTED

DRAWN BY  
M BOYER 21-Nov-09

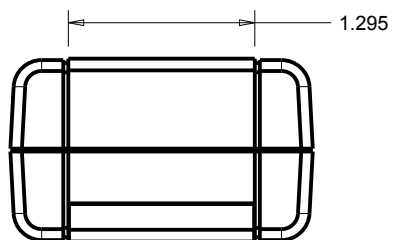
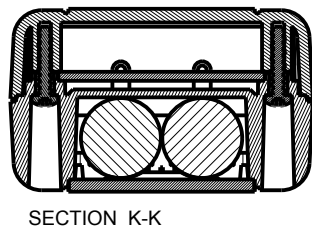
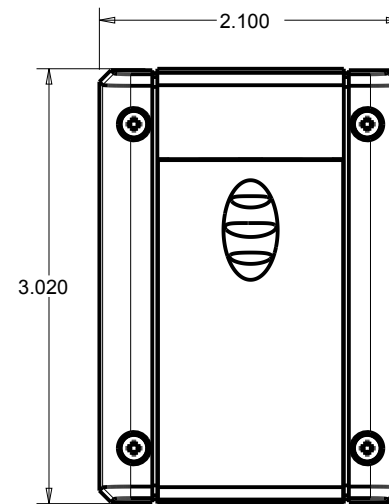
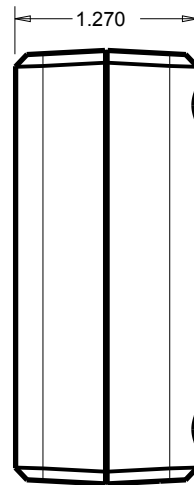
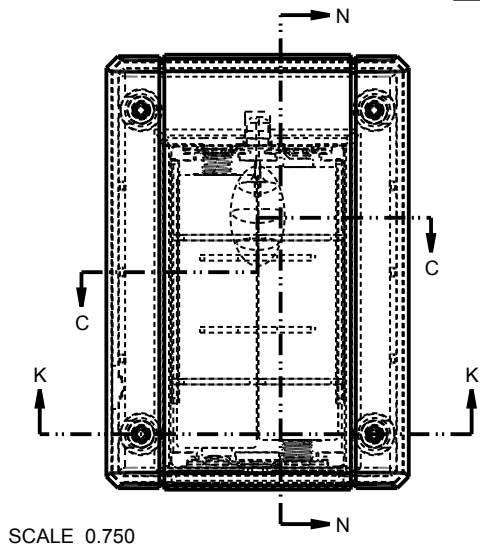
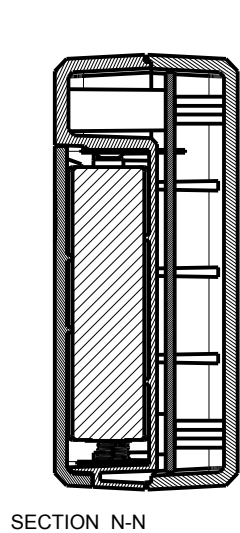
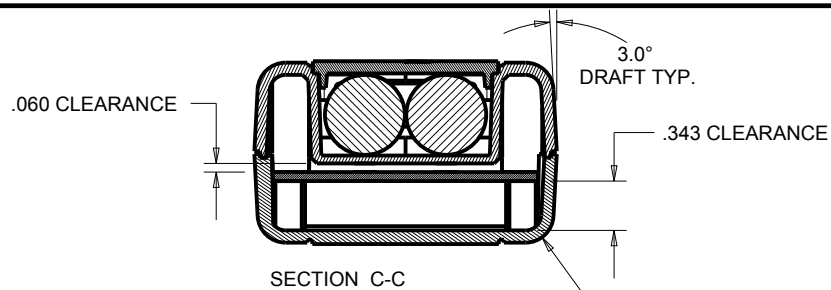
**NEW AGE ENCLOSURES**

4330 Santa Fe Road San Luis Obispo, CA. 93401  
ph. (805) 595-1310 fax (805) 595-1024

www.newageenclosures.com

**STANDARD - AA HANDHELD  
SXX-302112 ASSEMBLY**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	302112_R1_0	1 OF 7	1.0



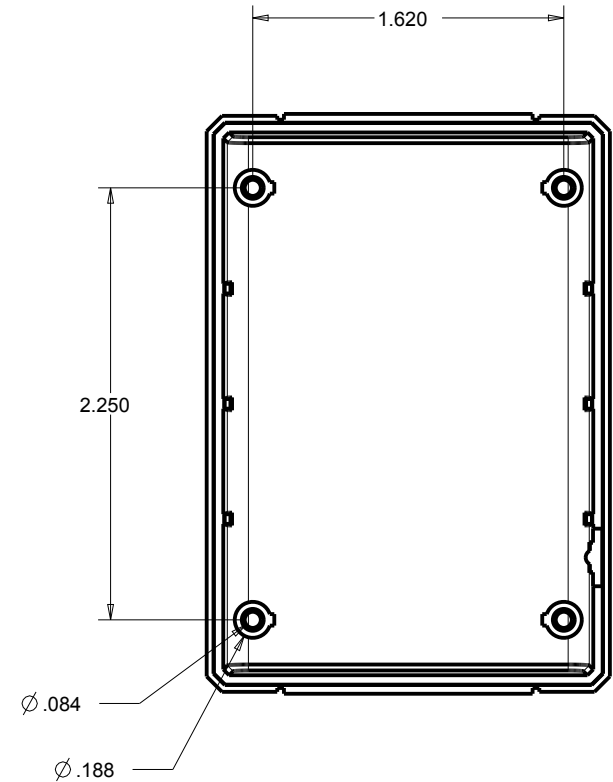
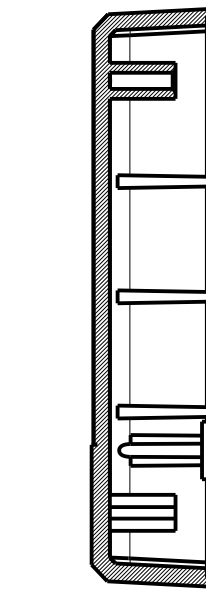
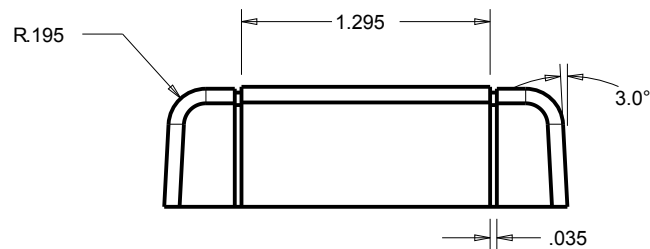
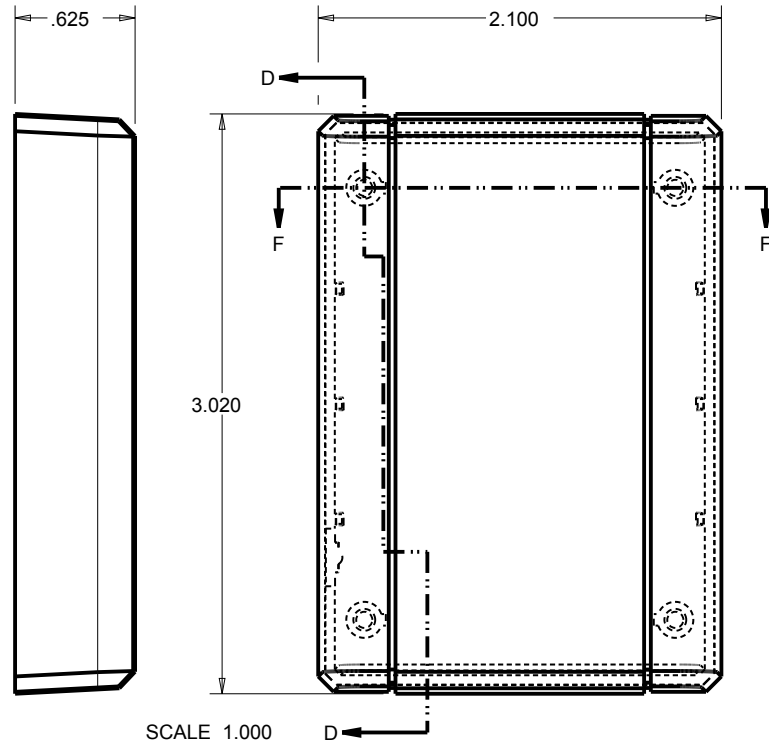
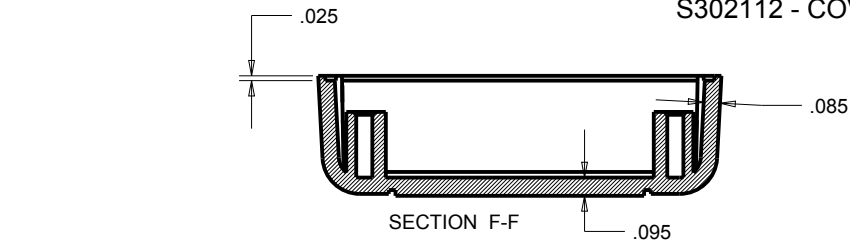
TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES.		
X.XX = .015 X.XXXX = .001		
X.XXX = .010 X.X" = 1"		
NEW AGE ENCLOSURES		
Customer's Part No: XXX		
APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE		
DRAWN BY		
M BOYER	21-Nov-09	

**NEW AGE ENCLOSURES**  
 4330 Santa Fe Road San Luis Obispo, CA. 93401  
 ph. (805) 595-1310 fax (805) 595-1024  
[www.newageenclosures.com](http://www.newageenclosures.com)

**STANDARD - AA HANDHELD  
 SXX-302112 ASSEMBLY**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	302112_R1_0	2 OF 7	1.0

# S302112 - COVER



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: XXX

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE		

DRAWN BY	21-Nov-09
M BOYER	

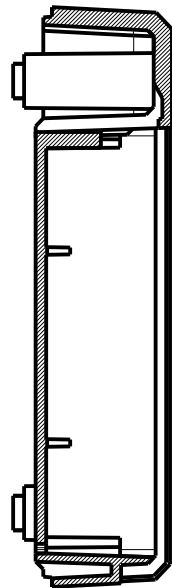
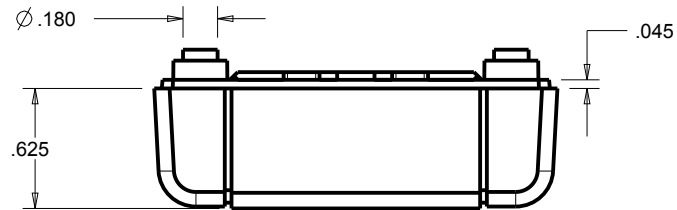
**NEW AGE ENCLOSURES**

4330 Santa Fe Road San Luis Obispo, CA. 93401  
ph. (805) 595-1310 fax (805) 595-1024  
[www.newageenclosures.com](http://www.newageenclosures.com)

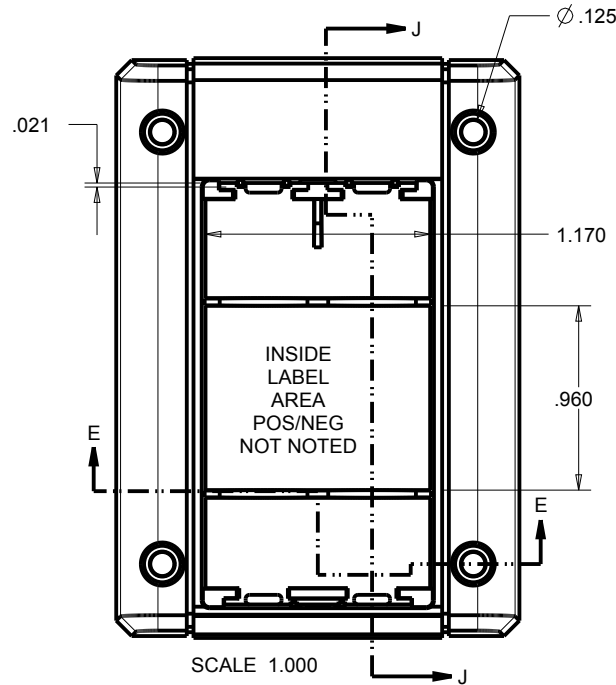
**STANDARD - AA HANDHELD  
SXX-302112 ASSEMBLY**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	302112_R1_0	3 OF 7	1.0

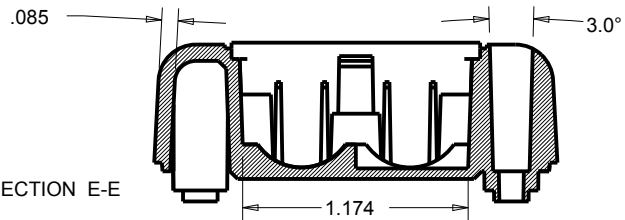
# S302112 - BASE



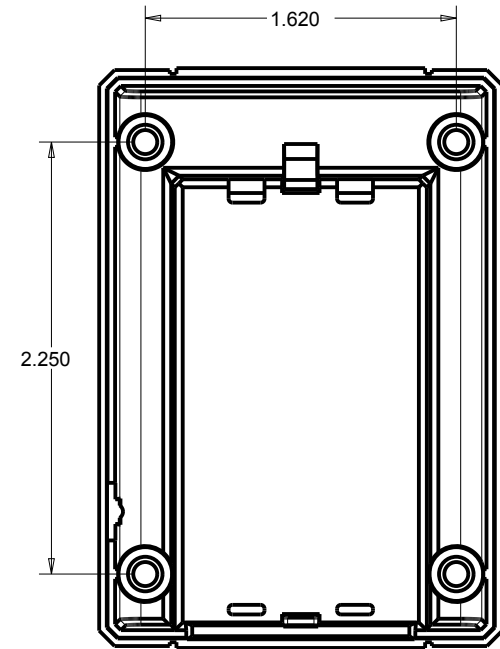
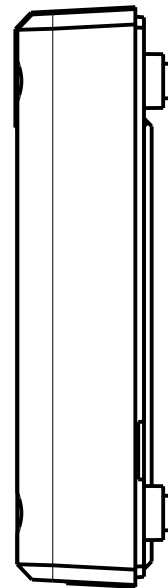
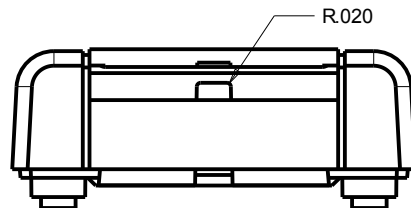
SECTION J-J



SCALE 1.000

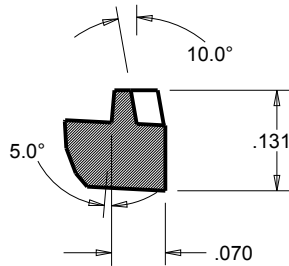


SECTION E-E

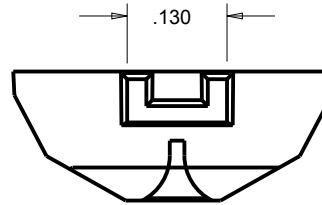
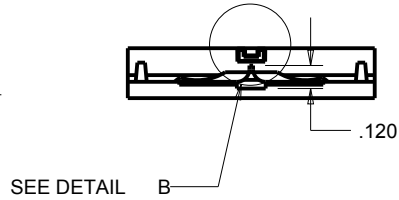


TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES. X.XX = .015    X.XXXX = .001 X.XXX = .010    X.X° = 1°			<div>NEW AGE ENCLOSURES</div> <div>4330 Santa Fe Road    San Luis Obispo, CA. 93401 ph. (805) 595-1310    fax (805) 595-1024 www.newageenclosures.com</div>		
NEW AGE ENCLOSURES					
Customer's Part No: XXX					
APPROVAL	BY	DATE			
CHECK					
ENG.					
SCALE			STANDARD - AA HANDHELD SXX-302112 ASSEMBLY		
DRAWN BY					
M BOYER    21-Nov-09					
SIZE	DRAWING NAME				
A	302112 R1 0		SHEET	REV.DOC	
			4 OF 7	1.0	

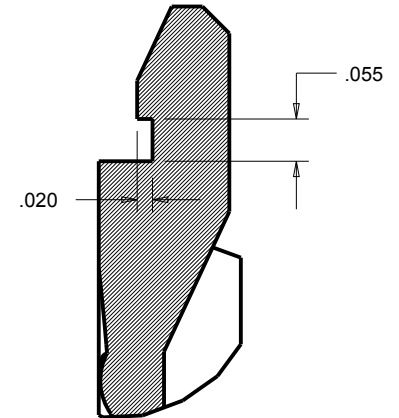
# S302112 - HATCH



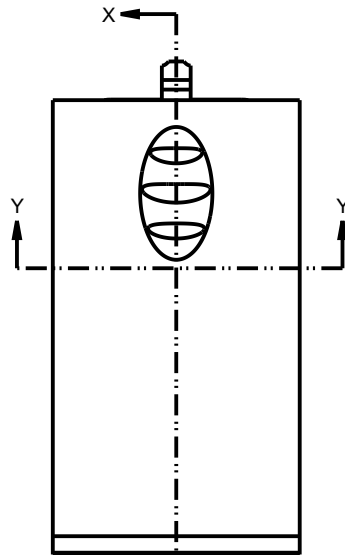
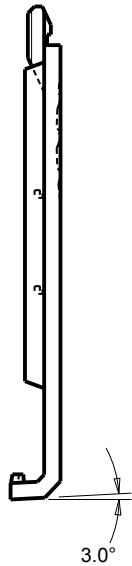
DETAIL C  
SCALE 4.000



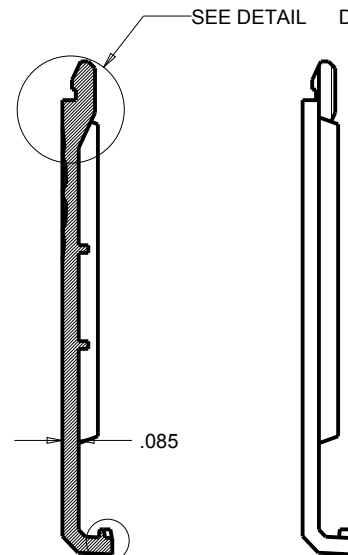
DETAIL B  
SCALE 4.000



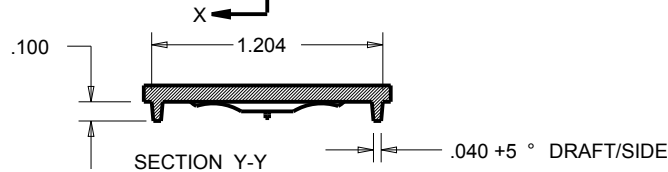
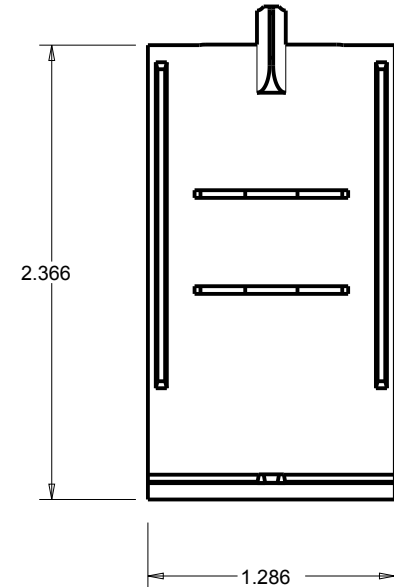
DETAIL D  
SCALE 4.000



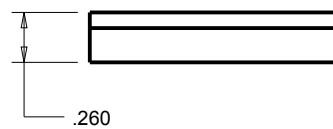
SCALE 1.000



SECTION X-X



SECTION Y-Y



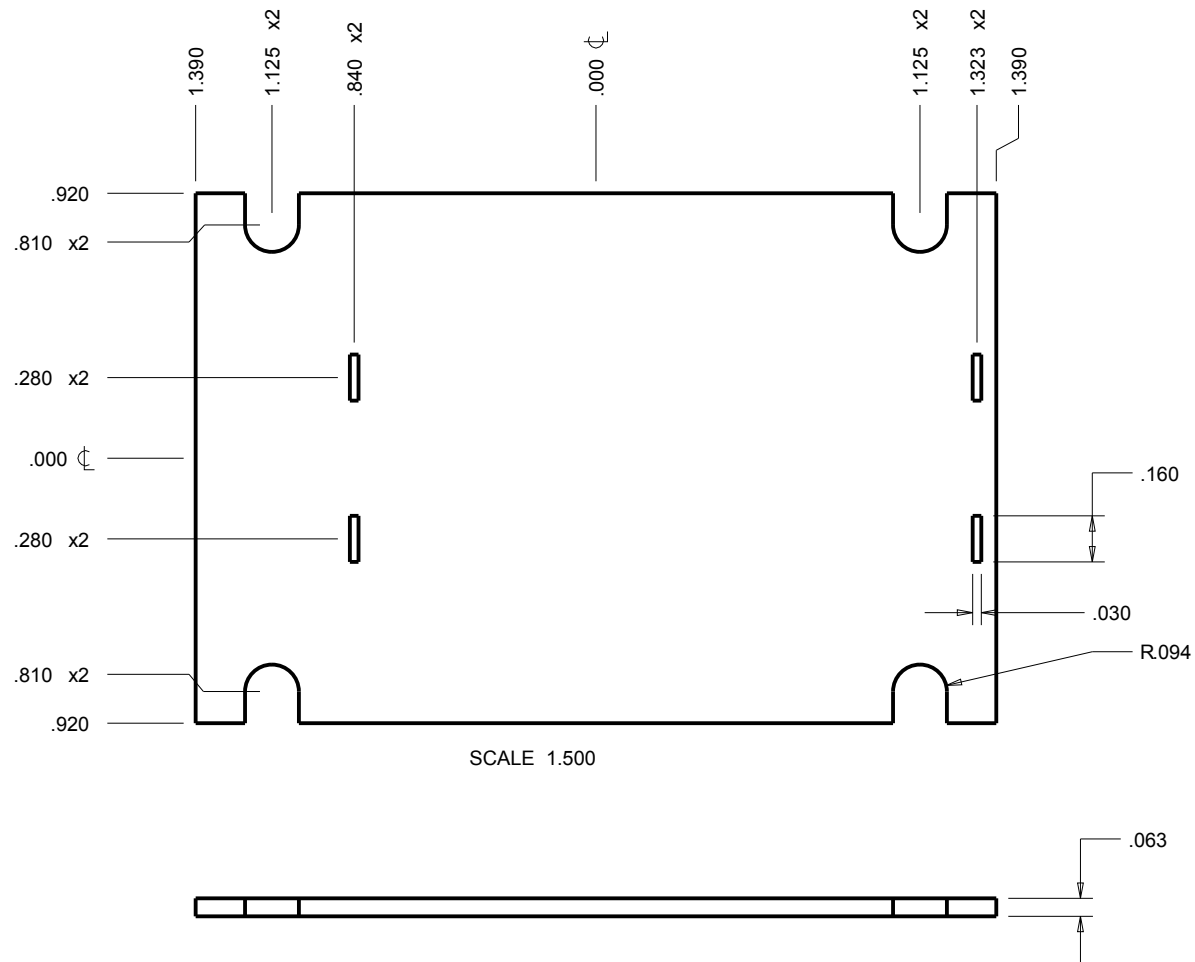
TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES.		
X.XX = .015 X.XXXX = .001		
X.XXX = .010 X.X" = 1"		
NEW AGE ENCLOSURES		
Customer's Part No: XXX		
APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE		
DRAWN BY	M BOYER 21-Nov-09	

**NEW AGE ENCLOSURES**  
 4330 Santa Fe Road San Luis Obispo, CA. 93401  
 ph. (805) 595-1310 fax (805) 595-1024  
[www.newageenclosures.com](http://www.newageenclosures.com)

**STANDARD - AA HANDHELD  
 SXX-302112 ASSEMBLY**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	302112_R1_0	5 OF 7	1.0

# S302112 - PCB



SCALE 1.500

NOTE  
1. BATTERY CONNECTION POINTS SHOWN FOR BOTH SIDES  
TO ALLOW ALTERNATE ASSEMBLY OPTION.

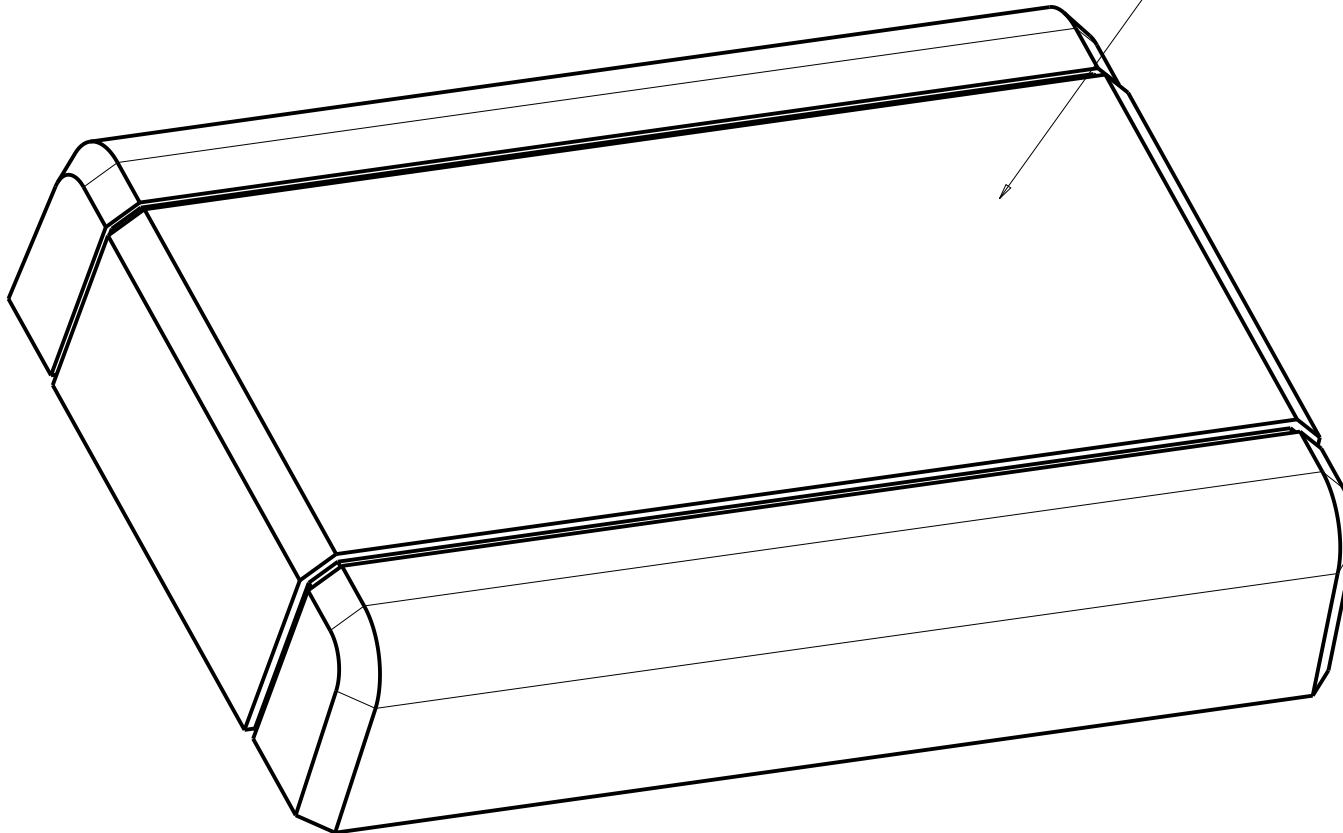
TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES. X.XX = .015 X.XXXX = .001 X.XXX = .010 X.X" = 1"		<b>NEW AGE ENCLOSURES</b> 4330 Santa Fe Road San Luis Obispo, CA. 93401 ph. (805) 595-1310 fax (805) 595-1024 <a href="http://www.newageenclosures.com">www.newageenclosures.com</a>	
Customer's Part No: XXX		STANDARD - AA HANDHELD SXX-302112 ASSEMBLY	
APPROVAL	BY	DATE	SIZE
CHECK			A
ENG.			DRAWING NAME
SCALE			302112_R1_0
DRAWN BY M BOYER		21-Nov-09	SHEET 6 OF 7
			REV.DOC 1.0



## 2nd OPERATION DETAILS

NEW AGE ENCLOSURES DELIVERS YOUR ENCLOSURE MARKET-READY WITH IN-HOUSE  
CNC MACHINING, PAD PRINTING, ASSEMBLY, AND FULFILLMENT.  
ALL SURFACES AND AREAS ARE AVAILABLE FOR CNC ALTERATION BY NEW AGE ENCLOSURES  
CALL (805) 595-1310 FOR PRICING AND SCHEDULE.  
THE INSIDE RADIUS OF ANY MACHINED FEATURES SHOULD BE NO SMALLER THAN .031"

2nd OPERATION CUTOUTS ARE AVAILABLE.  
ASK CUSTOMER SERVICE FOR MORE INFORMATION.



SCALE 2.000

### SXX-302112-XXX COVER - ABS, BLACK

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

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: XXX

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

**NEW AGE ENCLOSURES**

4330 Santa Fe Road San Luis Obispo, CA. 93401  
ph. (805) 595-1310 fax (805) 595-1024  
[www.newageenclosures.com](http://www.newageenclosures.com)

STANDARD - AA HANDHELD  
SXX-302112 ASSEMBLY

SIZE	DRAWING NAME	SHEET	REV.DOC
A	302112_R1_0	7 OF 7	1.0

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## New Age Enclosures:

[ACC-AANEG-5201](#) [ACC-AAPOS-5223](#) [ACC-AADBL-5212](#) [S1A-302112](#) [S3A-302112](#)