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Custom Enclosure  
Assembly & Testing**



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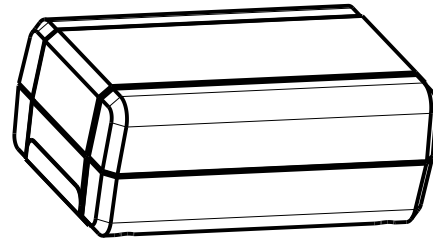
**NOTES: UNLESS OTHERWISE SPECIFIED**

1. CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
2. EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH. EQUIVALENT TO MT-11020.
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. MATERIAL / COLOR: ABS PLASTIC IS STANDARD IN BLACK OR WHITE. CUSTOM MATERIALS AND COLORS ARE AVAILABLE UPON REQUEST FOR QUOTE.
8. PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF ITS FIT ARE THE SOLE RESPONSIBILITY OF EACH CUSTOMER.
9. ASSEMBLY HARDWARE PROVIDED. BATTERY CONTACTS SOLD SEPERATELY
10. THIS DRAWING IS BASED ON A SOLID MODEL, AND IS FURTHER DEFINED BY THE SOLID MODEL FILE.

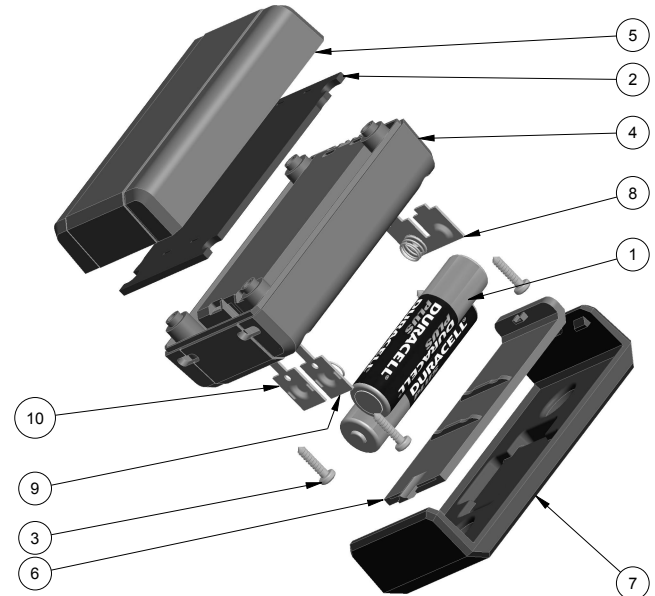
**R E V I S I O N**

REV.	DRAWN BY	ECO No	DESCRIPTION	DATE	APPROVED
1	M BOYER		PRELIMINARY RELEASE	16-Mar-2009	D.C.
2	M BOYER	2109	UPDATE MODEL, ADD DRAFT AND FORMAT	18-Apr-2009	D.C.
3	M BOYER	4309	ADD SURFACE CALLOUT AND MODIFY HATCH	14-Dec-2009	D.C.
3.1	M BOYER	0710	UPDATE FORMAT	20-Mar-2010	D.C.
4.0	M BOYER	1210	ADD CORING IN REAR	04-May-2010	D.C.
4.1	M BOYER	2810	UPDATE VIEWS AND 2ND-OP PAGE	28-Jul-2010	D.C.
5.0	R CRUZ	7713	ADD "TALL" CONFIGURATION	01-Nov-2013	D.C.
6.0	R CRUZ	2214	INCLUDE WALL CRADLE OPTION	19-May-2014	D.C.
7.0	M BOYER	0814	CHANGE TEXTURE CALLOUT	21-May-2014	D.C.
7.1	R CRUZ	0361	UPDATE WALL CRADLE DIMENSIONS TO AS BUILT	18-Jun-2014	D.C.
8.0	M BOYER	5214	REMOVE TALL CONFIG AND INCLUDE PCB NOTCH	15-Dec-2014	

251510(x) CONFIGURATIONS			
	-Blank	-K	-WP
251510 COVER	1	1	
251510 BASE	1		
251510 MACHINED BASE		1	
251510 HATCH	1	1	
251510 WALL CRADLE		1	1
#2 HILO SCREW .375"	4	4	



STANDARD 251510  
SCALE 0.750



EXPLODED VIEW 251510K  
SCALE 0.600

10	AAA-SINGL-CONTACT-POS	ACC-AAAPOS-5226	SPRING STEEL	SOLD SEPERATELY	1
9	AAA-SINGL-CONTACT-NEG	ACC-AAANEG-5204	SPRING STEEL	SOLD SEPERATELY	1
8	AAA-DBL-CONTACT	ACC-AAADBL-5214L	SPRING STEEL	SOLD SEPERATELY	1
7	251510_WALL-CRADLE	251510 WALL CRADLE - STANDARD	ABS	BLACK or WHITE	1
6	251510_HATCH	251510 HATCH - STANDARD	ABS	BLACK or WHITE	1
5	251510_COVER	251510 COVER - STANDARD	ABS	BLACK or WHITE	1
4	251510_BASE	251510 BASE - STANDARD	ABS	BLACK or WHITE	1
3	NO_2_HI-LO_SCREW	No2 HI-LO x .375"	STEEL	3/8" LONG	4
2	251510_PCB	REFERENCE ONLY	CUSTOMER SUPPLIED	.062" THICK	1
1	AAA-BATTERY	REFERENCE ONLY	CUSTOMER SUPPLIED	"AAA" SIZE	2
ITEM	FILE NAME	DESCRIPTION	MATERIAL	COLOR	QTY.

**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: 251510

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	
DRAWN BY	M BOYER	
	16-Mar-2009	

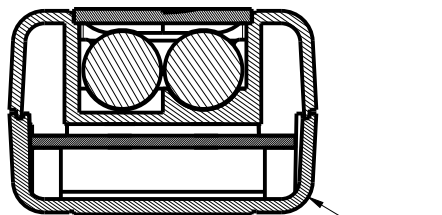
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**STANDARD - MINI AAA  
SXX-251510X ASSEMBLY**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	251510_R8_0	1 OF 8	8.0



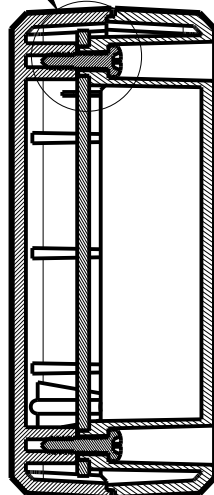
SECTION C-C



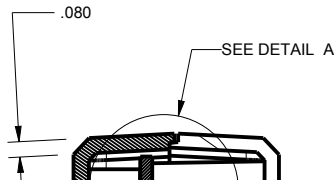
R.165

P ← F ←

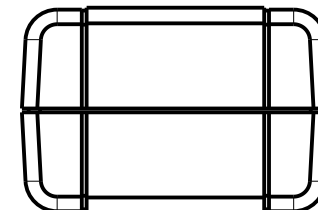
SEE DETAIL B



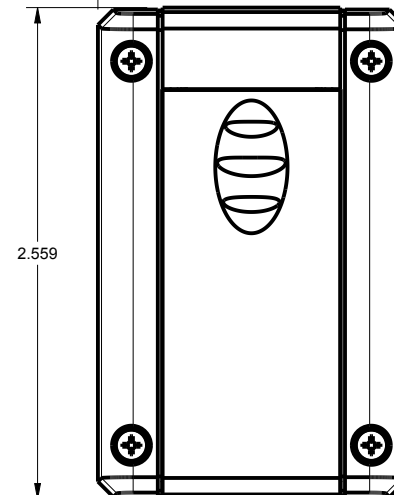
SECTION F-F



SECTION P-P



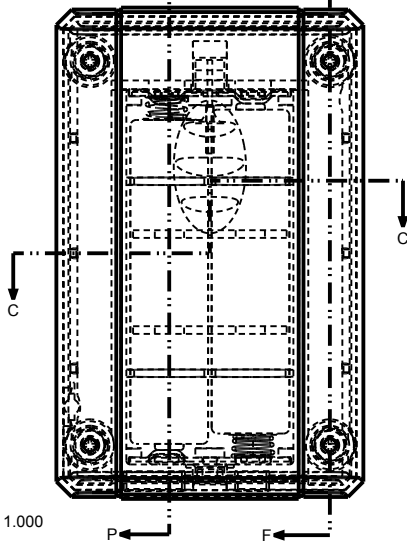
1.599



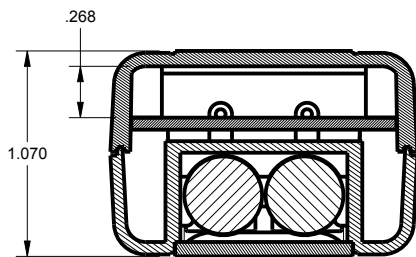
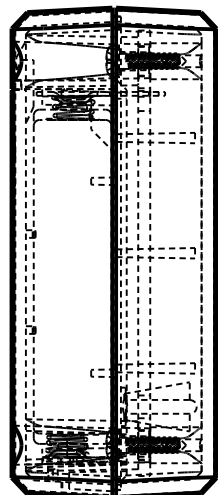
2.559

.925

SCALE 1.000



P ← F ←



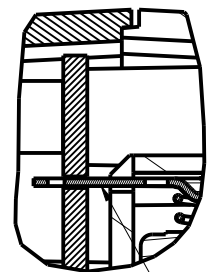
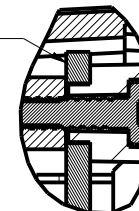
SECTION Y-Y

1.070

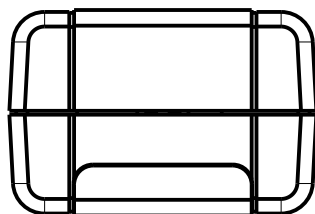
.268

PCB CAPTURED

DETAIL B  
SCALE 2.000



DETAIL A  
SCALE 2.000



NOTE: BATTERY CONTACT TABS CAN BE PUSHED THROUGH THE PCB AND SOLDERED TO THE SURFACE OR THE TAB CAN BE BENT BACK AT 90° AND WIRED.

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: 251510

APPROVAL BY DATE

CHECK

ENG.

SCALE AS NOTED

DRAWN BY M BOYER 16-Mar-2009

**NEW AGE ENCLOSURES**

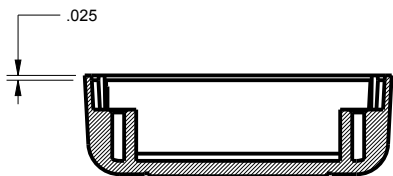
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**STANDARD - MINI AAA  
SXX-251510X ASSEMBLY**

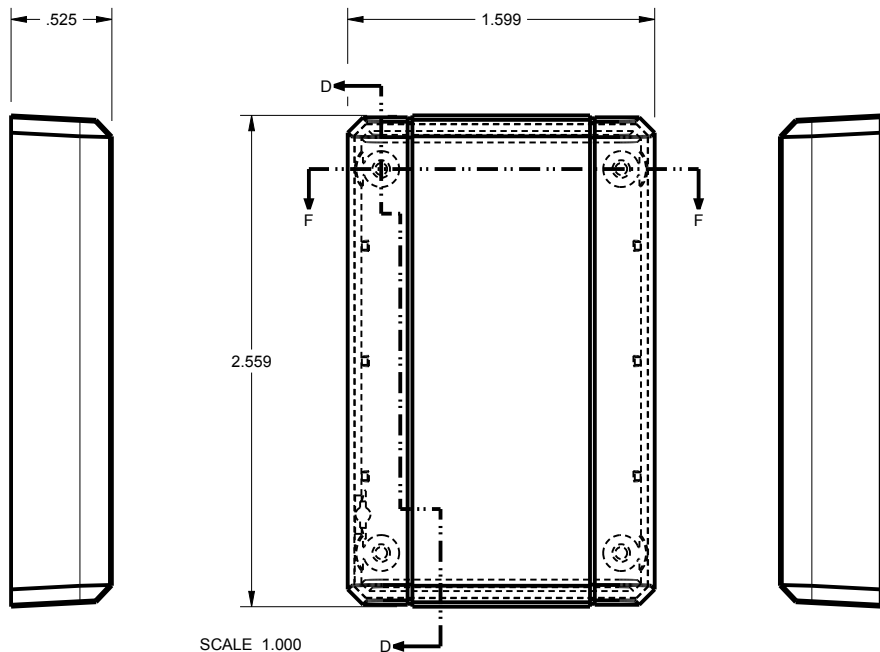
SIZE A DRAWING NAME 251510\_R8\_0

SHEET 2 OF 8 REV.DOC 8.0

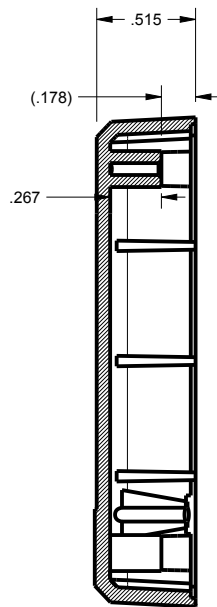
S251510 - COVER



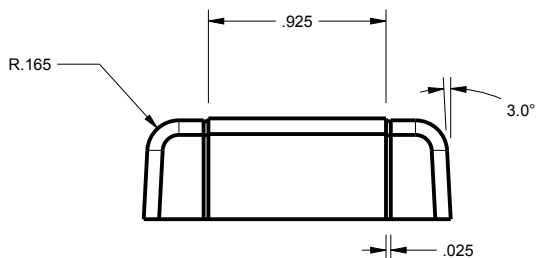
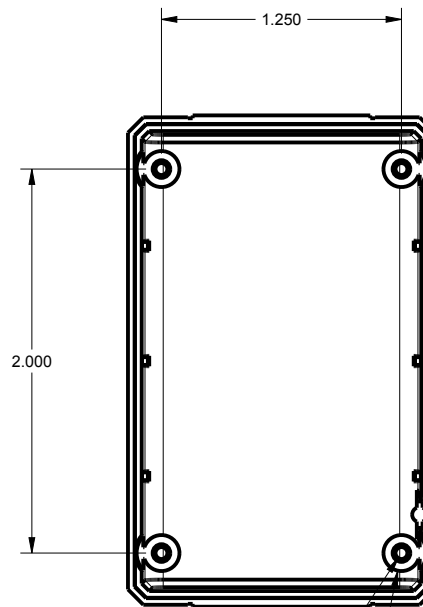
SECTION F-F



SCALE 1.000



251510 STANDARD SECTION D-D



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

NEW AGE ENCLOSURES  
Customer's Part No: 251510

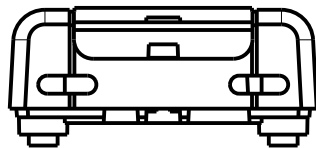
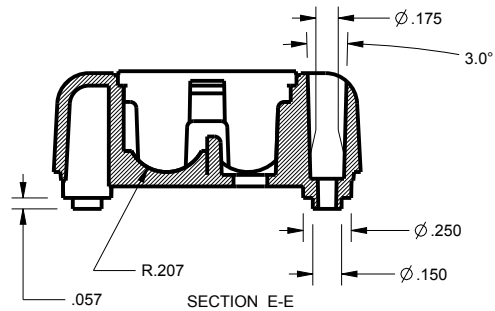
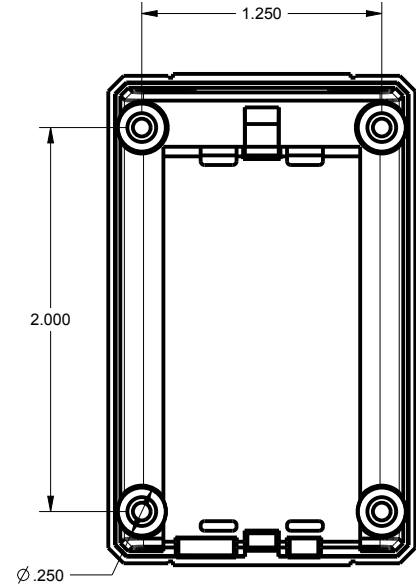
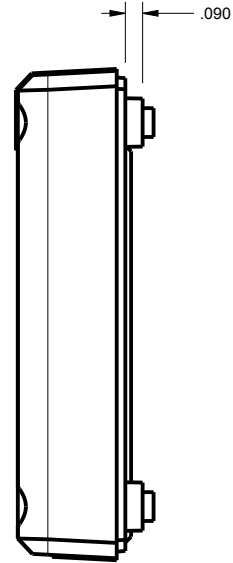
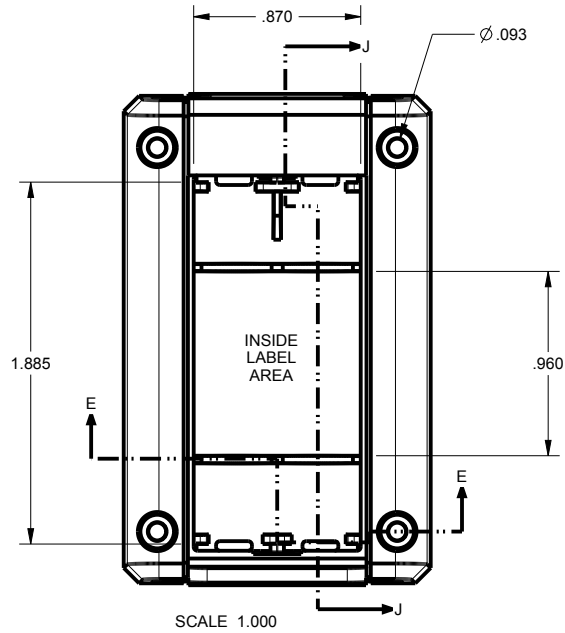
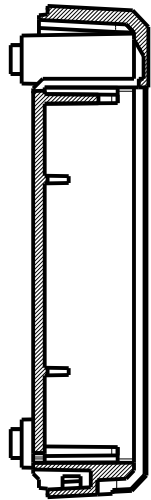
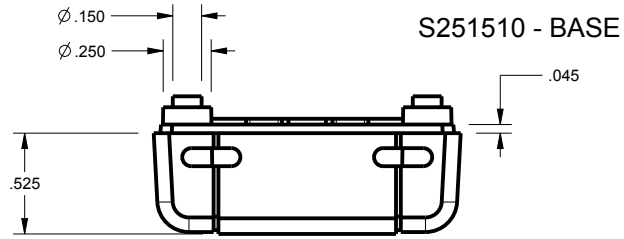
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ENG.		
SCALE	AS NOTED	

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**STANDARD - MINI AAA  
SXX-251510X ASSEMBLY**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	251510_R8_0	3 OF 8	8.0



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 X.XXX = .010 X.X° = 1°

NEW AGE ENCLOSURES  
 Customer's Part No: 251510

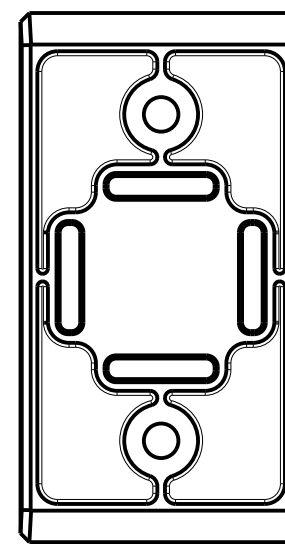
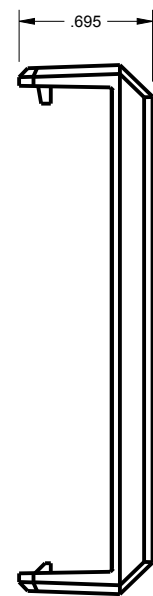
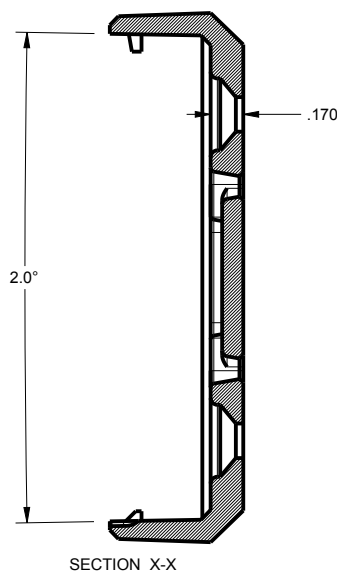
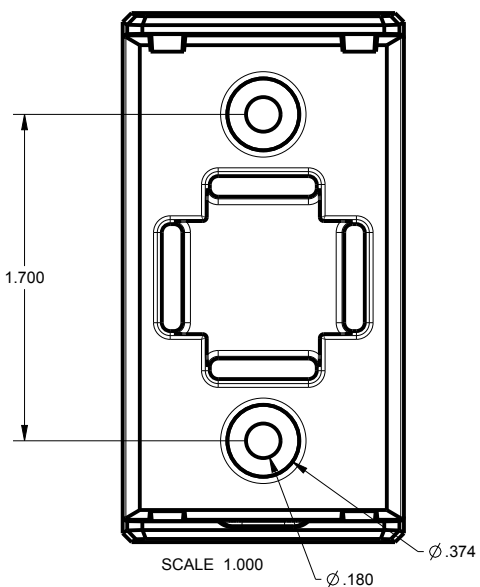
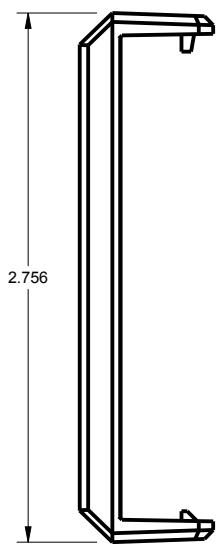
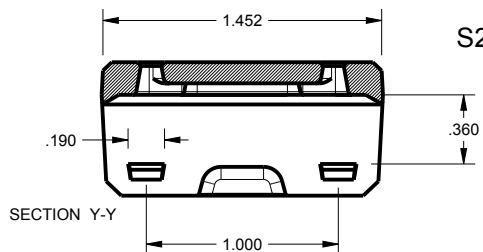
APPROVAL	BY	DATE
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SCALE	AS NOTED	
DRAWN BY	16-Mar-2009	
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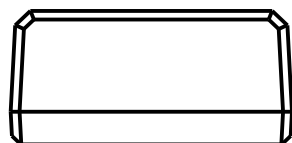
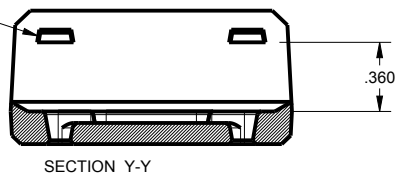
**STANDARD - MINI AAA  
 SXX-251510X ASSEMBLY**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	251510_R8_0	4 OF 8	8.0

S251510 - WALL CRADLE



2nd OPERATION REQUIRED  
ON 251510 BASE  
TO ACCEPT CRADLE TABS



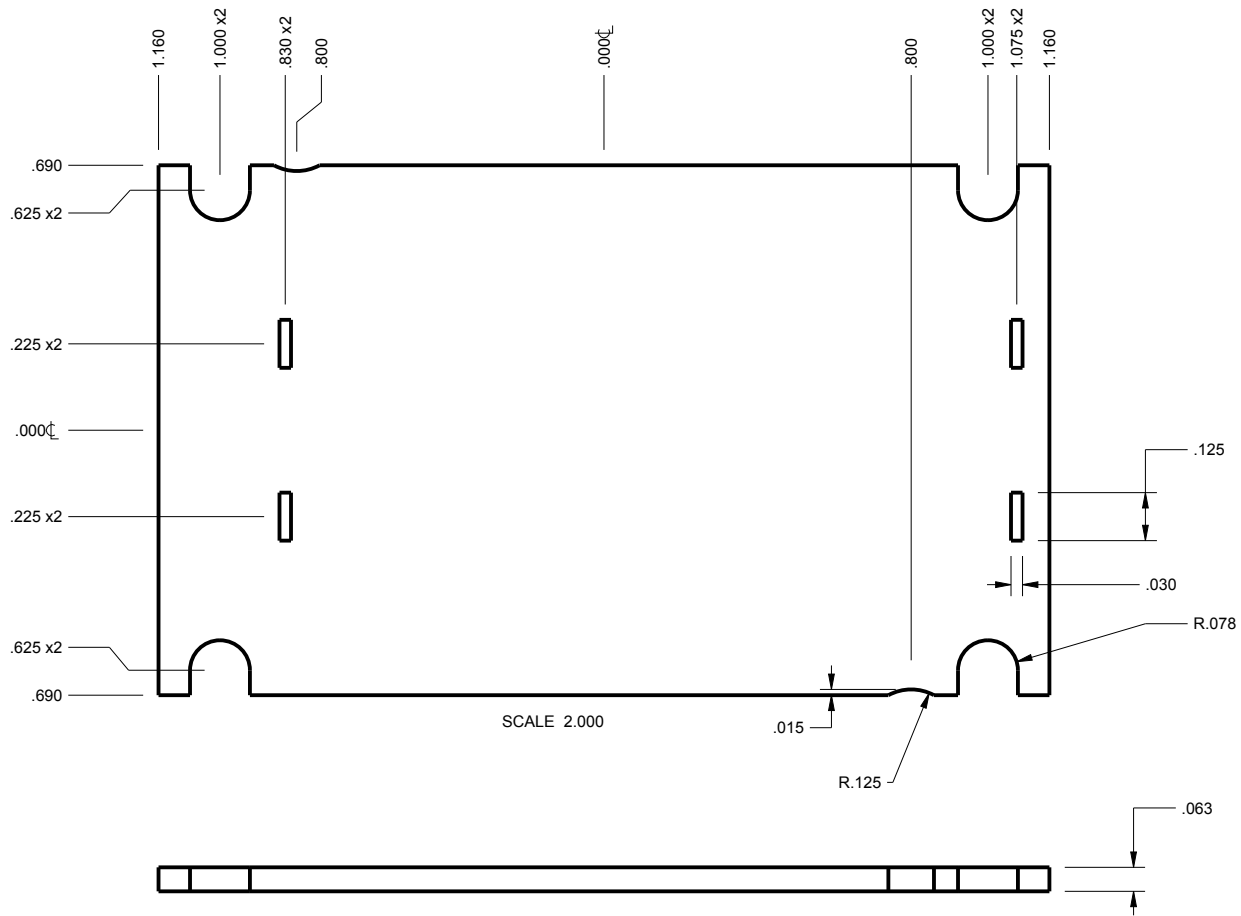
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X.XXX = .010 X.X° = 1°	
NEW AGE ENCLOSURES	
Customer's Part No: 251510	
APPROVAL	BY DATE
CHECK	
ENG.	
SCALE	AS NOTED
DRAWN BY	16-Mar-2009
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**STANDARD - MINI AAA  
 SXX-251510X ASSEMBLY**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	251510_R8_0	5 OF 8	8.0

S251510 - PCB



SCALE 2.000

NOTE  
1. BATTERY CONNECTION POINTS SHOWN AT BOTH ENDS  
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°

NEW AGE ENCLOSURES  
Customer's Part No: 251510

APPROVAL BY DATE

CHECK

ENG.

SCALE AS NOTED

DRAWN BY M BOYER 16-Mar-2009

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**STANDARD - MINI AAA  
SXX-251510X ASSEMBLY**

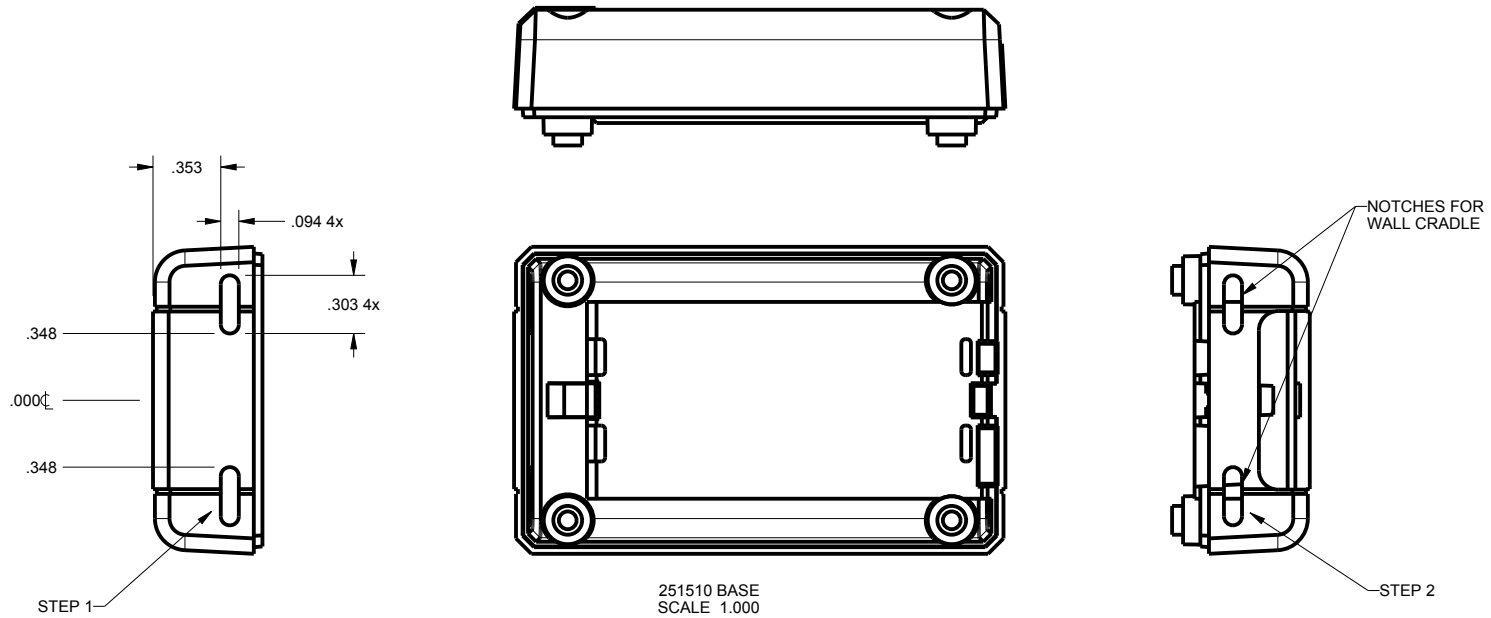
SIZE A DRAWING NAME 251510\_R8\_0

SHEET 6 OF 8 REV.DOC 8.0



## 2nd OPERATION DETAILS (PAGE 1 OF 2)

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THE INSIDE RADIUS OF ANY MACHINED FEATURES SHOULD BE NO SMALLER THAN .031"

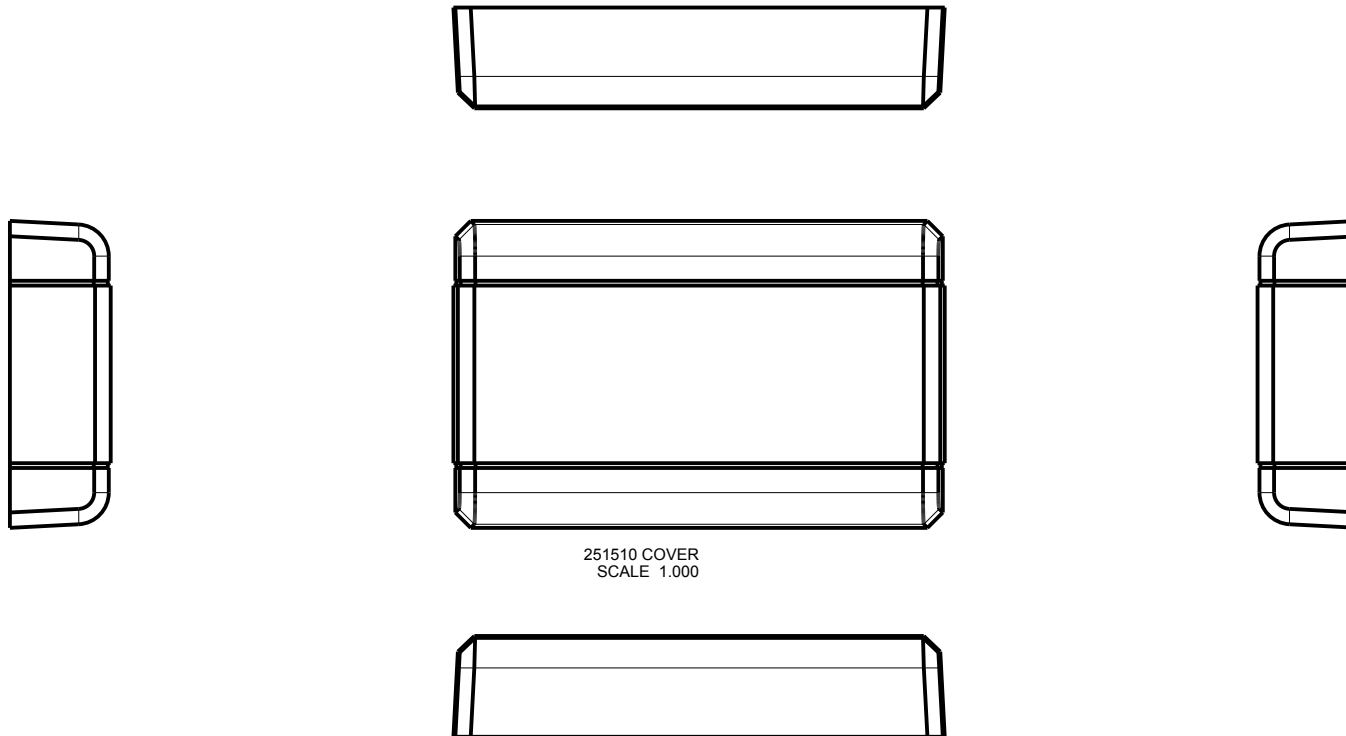


SXX-251510X-XXX BASE - ABS, BLACK					
STEP NO	DESCRIPTION	CUTTER	FIXTURE	ORIENTATION	PROGRAM
1-B-C1	CRADLE NOTCHES	T2 = .062" EM	190	SINGLE	-
2-B-C2	CRADLE NOTCHES	T2 = .062" EM	190	SINGLE	-

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>	
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Customer's Part No: 251510			
APPROVAL	BY	DATE	<b>STANDARD - MINI AAA SXX-251510X ASSEMBLY</b>
CHECK			
ENG.			
SCALE	AS NOTED		
DRAWN BY	M BOYER	16-Mar-2009	SIZE
DRAWING NAME	A 251510_R8_0		SHEET
			REV.DOC
			7 OF 8
			<b>8.0</b>

## 2nd OPERATION DETAILS (PAGE 2 OF 2)

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THE INSIDE RADIUS OF ANY MACHINED FEATURES SHOULD BE NO SMALLER THAN .031"



251510 COVER  
SCALE 1.000

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

NEW AGE ENCLOSURES

Customer's Part No: 251510

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APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	
DRAWN BY		
M BOYER	16-Mar-2009	

**STANDARD - MINI AAA  
SXX-251510X ASSEMBLY**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	251510_R8_0	8 OF 8	8.0

### SXX-251510X-XXX COVER - ABS, BLACK

STEP NO	DESCRIPTION	CUTTER	FIXTURE	ORIENTATION	PROGRAM
1-C-C1	-	T2 = .062" EM	190	-	-
2-C-C2	-	T2 = .062" EM	190	-	-

# Mouser Electronics

Authorized Distributor

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[S1A-251510](#) [S3A-251510](#) [S3A-251510-K](#) [S1A-251510-K](#)

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- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
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- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «**JONHON**», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «**FORSTAR**».



## JONHON

«**JONHON**» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«**FORSTAR**» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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