

# 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<sup>®</sup> 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**



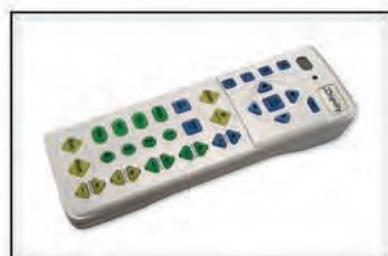
**Custom Colors**



**Cables & Wire Harnesses**



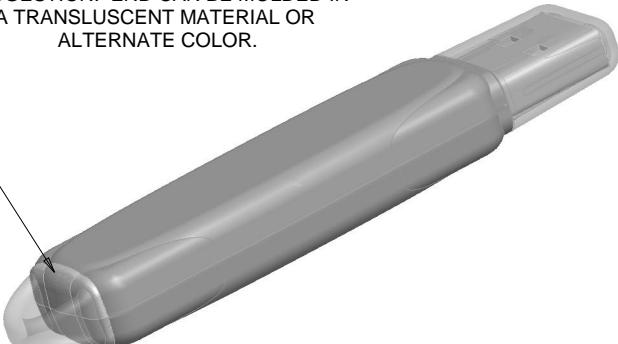
**Custom Enclosures**



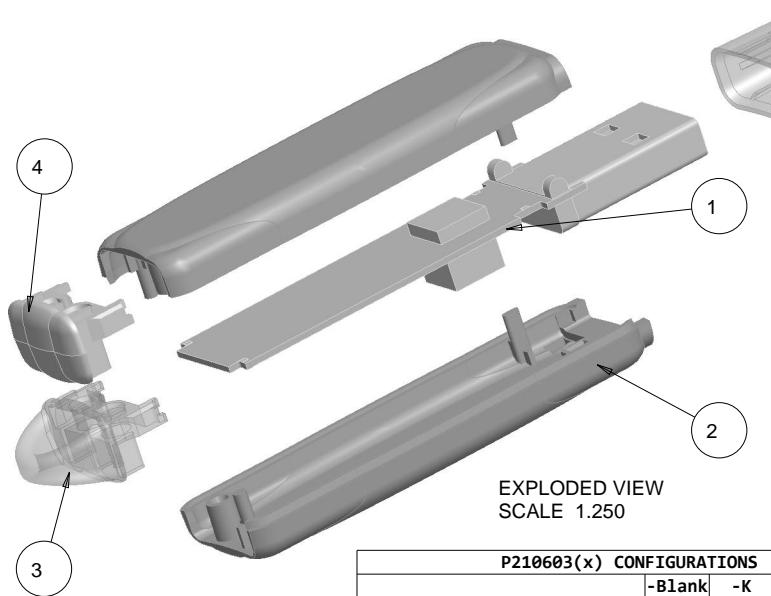
**Assembly & Testing**

**“Market-Ready Enclosures<sup>®</sup> For Today’s Electronics.”**

SUGGESTION: END CAN BE MOLDED IN A TRANSLUSCENT MATERIAL OR ALTERNATE COLOR.



SCALE 1.250



EXPLDED VIEW  
SCALE 1.250

\* = ENCLOSURE IS TO BE SECURED USING THE "210603 LENS" OR "210603 KEYRING" NOT BOTH. SEE NOTE 8

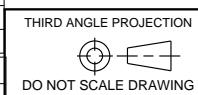
ITEM	DESCRIPTION	MATERIAL	COLOR	QTY.
5	210603 USB CAP - STANDARD	SOLD SEPERATELY	BLACK or WHITE	1
4	210603 LENS - STANDARD	ABS	BLACK or WHITE	1
3	210603 KEYRING - STANDARD	ABS	BLACK or WHITE	1
2	210603 CASE HALF - STANDARD	ABS	BLACK or WHITE	2
1	210603 PCB - REFERENCE	CUSTOMER SUPPLIED	.032" THICK	1

#### BILL OF MATERIALS

REVISION							
REV.	DRAWN BY	ECO No	DESCRIPTION			DATE	APPROVED
1	M BOYER		PRELIMINARY RELEASE			07-Jul-06	D.C.
2	M BOYER		UPDATE CAP			07-Jul-06	D.C.
3	M BOYER		PRODUCTION RELEASE			07-Jul-06	D.C.
4	M BOYER		UPDATE CAP			07-Jul-06	D.C.
5	M BOYER		ADJUST DRAFT ON CAP			11-Jul-06	D.C.
6	M BOYER		ADJUST RIBS ON END			14-Jul-06	D.C.
7	M BOYER	1706	MODIFY DIMENSIONS - DRAWING ONLY			22-Aug-06	D.C.
8	M BOYER	0208	UPDATE FORMAT			31-Mar-08	D.C.
9	M BOYER	2208	UPDATE CAP DIMENSIONS			10-Jul-08	D.C.
10	M BOYER	4609	UPDATE FORMAT ADD 2nd OP DETAIL SHEET			22-Dec-09	D.C.
10.1	M BOYER	0710	UPDATE FORMAT			19-Mar-10	

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS TO BE SYMMETRICAL ABOUT CENTERLINES WITHIN .003 T.I.R.
2. CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
3. EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH. EQUIVELANT TO MT-11010.
4. INTERIOR SURFACE TEXTURE TO BE: NONE.
5. ALL INSIDE RADII .010R. ALL OUTSIDE RADII .020R MAX, UNLESS OTHERWISE SPECIFIED.
6. 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.
7. 1 DEGREES DRAFT IN THE DIRECTION OF PULL IS PERMISSIBLE UNLESS OTHERWISE SPECIFIED.
8. THIS ENCLOSURE IS A PRESS FIT ASSEMBLY. FOR PERMANENT CLOSURE: A DROP ADHESIVE OR ULTRASONIC WELDING IS REQUIRED.
9. MATERIAL / COLOR: BLACK OR WHITE ARE STANDARD ABS COLORS. CUSTOM MATERIALS AND COLORS ARE AVAILABLE UPON REQUEST FOR QUOTE.
10. PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF IT'S FIT ARE THE SOLE RESPONSIBILITY OF EACH OWNER. SOLID MODELS ARE AVAILABLE FOR DOWNLOAD AT OUR WEBSITE.



DO NOT SCALE DRAWING

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TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES.

X.XX = .015 X.XXXX = .001

XXX = .010 X.X° = 1°

NEW AGE ENCLOSURES

Customer's Part No: 210603

APPROVAL BY DATE

CHECK

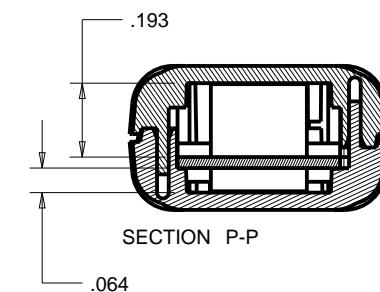
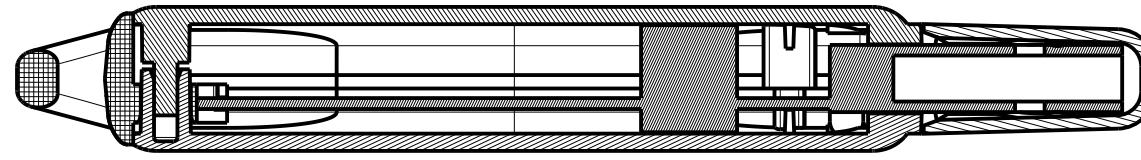
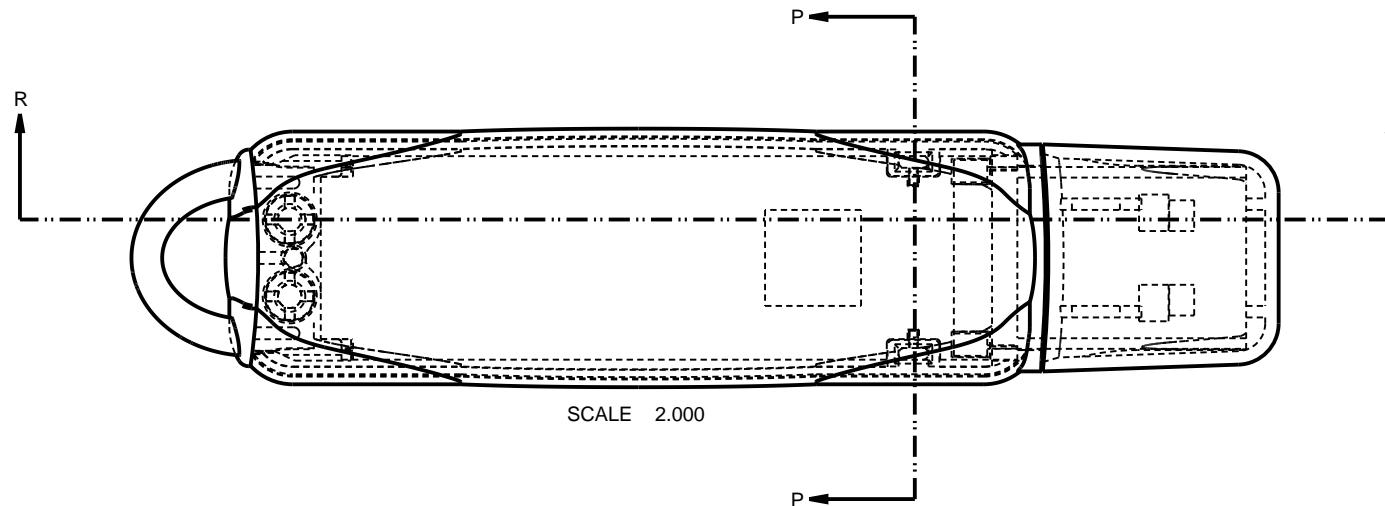
ENG.

SCALE

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**STANDARD - USB DEVICE**  
**PXX-210603X ASSEMBLY**

SIZE A DRAWING NAME 210603\_R10\_1 SHEET 1 OF 7 REV.DOC 10.1



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

NEW AGE ENCLOSURES

Customer's Part No: 210603

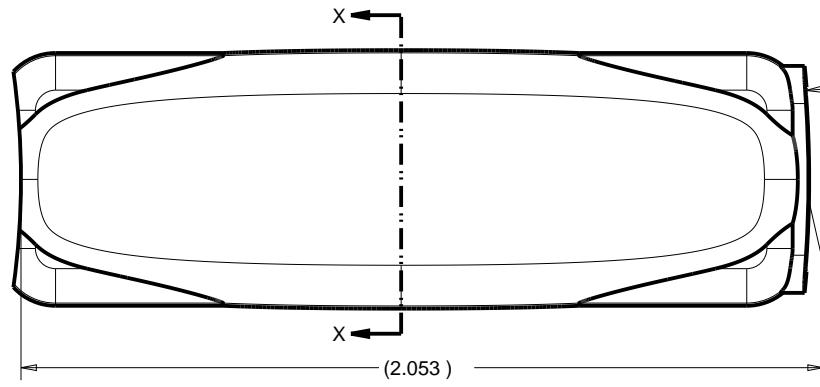
APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE		

DRAWN BY  
M BOYER  
07-Jul-06

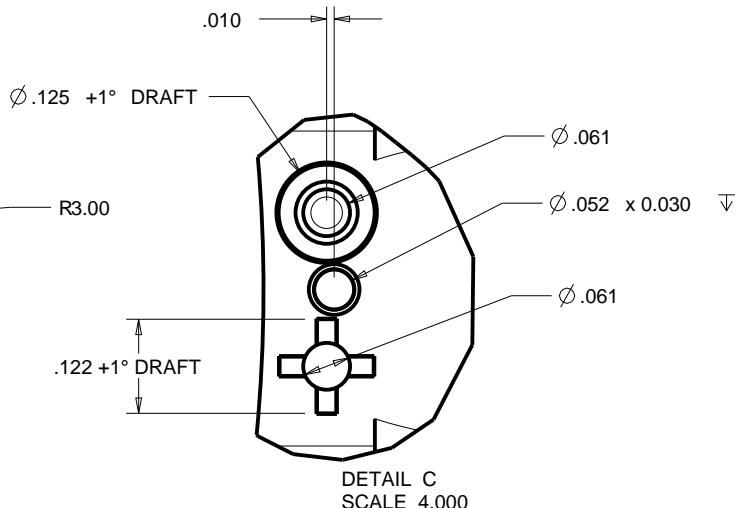
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STANDARD - USB DEVICE  
PXX-210603X ASSEMBLY

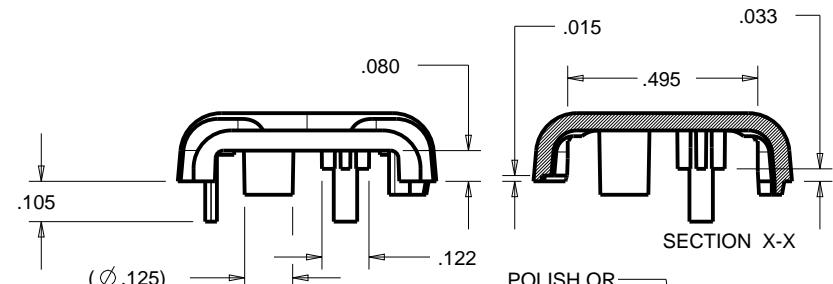
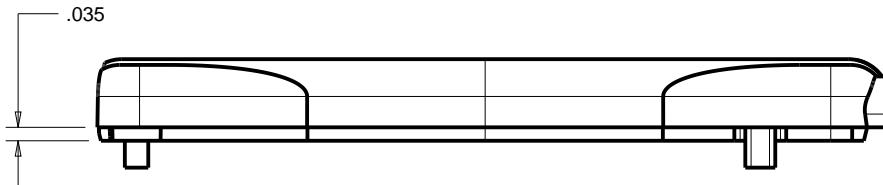
SIZE A	DRAWING NAME 210603_R10_1	HEET 2 OF 7	REV.DOC 10.1
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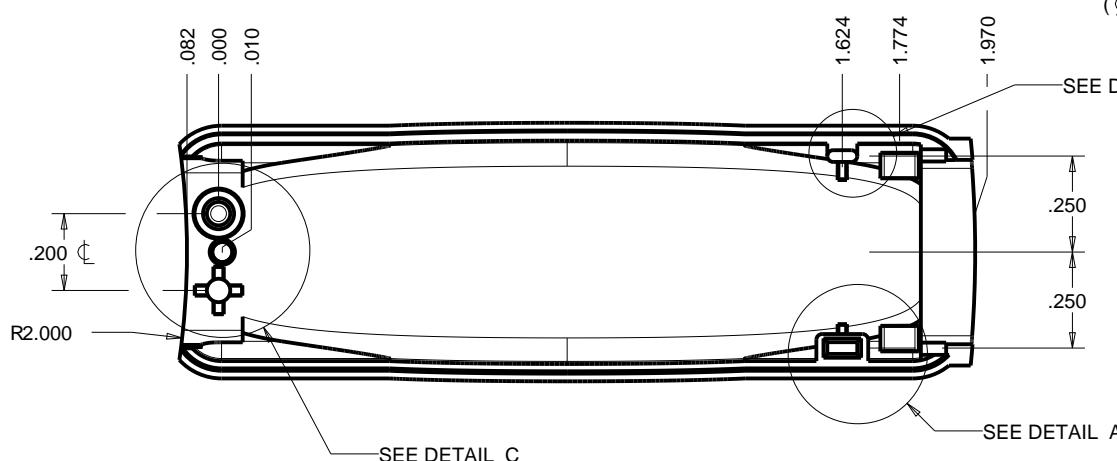
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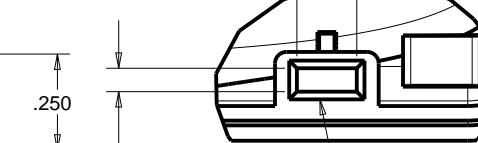
DETAIL C  
SCALE 4.000



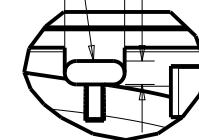
SECTION X-X



SEE DETAIL B



DETAIL A  
SCALE 4.000



DETAIL B  
SCALE 4.000

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XXX = .010 X° = 1°

NEW AGE ENCLOSURES

Customer's Part No: 210603

APPROVAL BY DATE

CHECK

ENG.

SCALE

DRAWN BY M BOYER 07-Jul-06

SIZE A DRAWING NAME 210603\_R10\_1

HEET 3 OF 7 REV.DOC 10.1

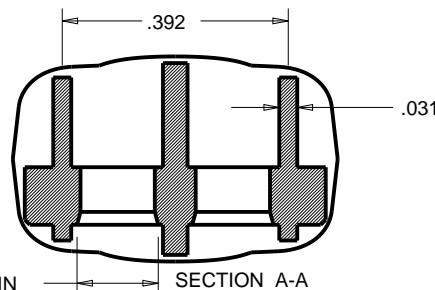
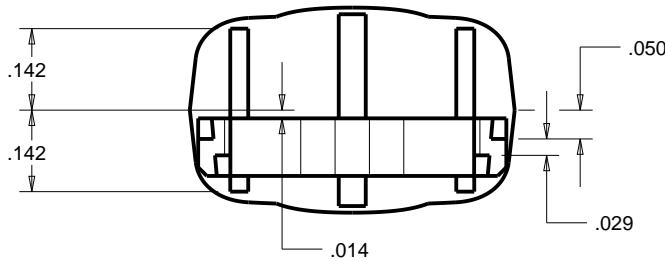
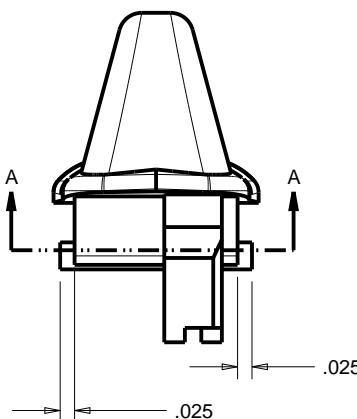
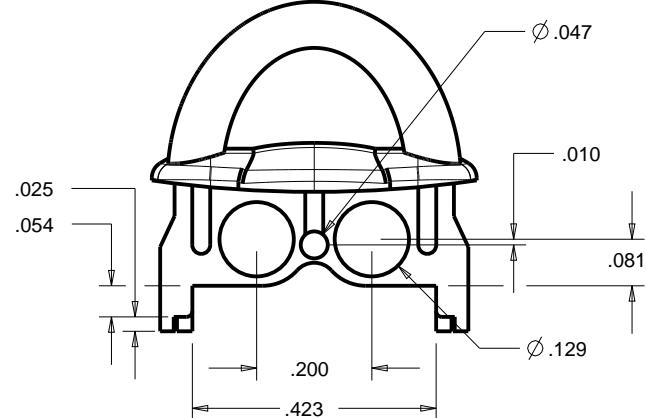
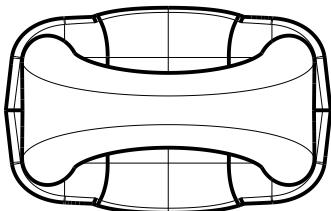
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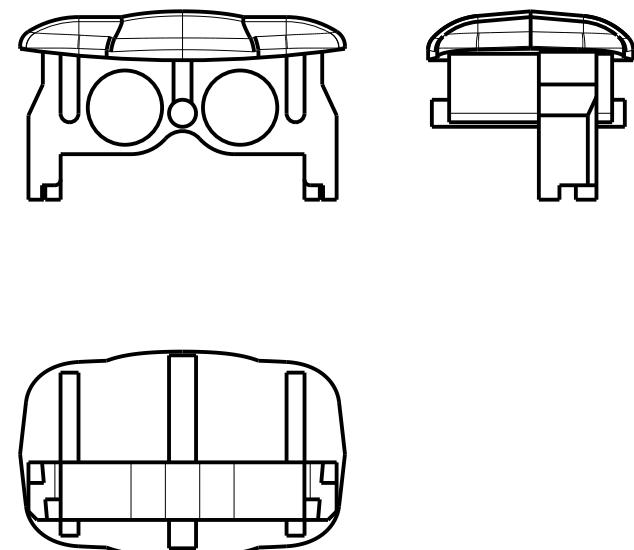
**STANDARD - USB DEVICE  
PXX-210603X ASSEMBLY**

## ASSEMBLY END CAPS

WITH KEY RING AND WITHOUT.  
PLEASE SPECIFY PREFERENCE WHEN ORDERING



P210603K KEYRING  
SCALE 3.000



P210603L LENS  
SCALE 3.000

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XXX.X = .010 X.X° = 1°

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Customer's Part No: 210603

APPROVAL BY DATE

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SCALE

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M BOYER  
07-Jul-06

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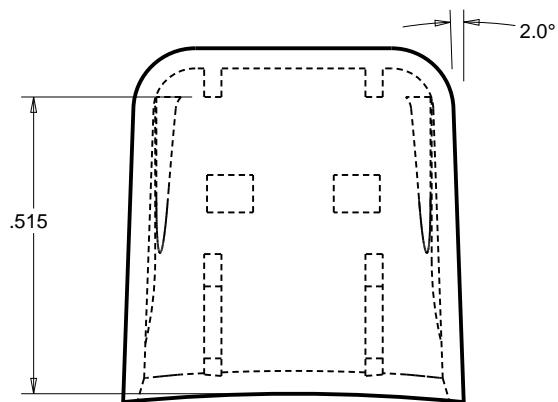
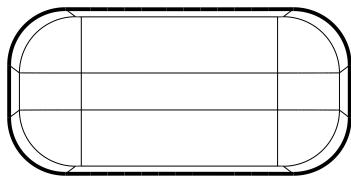
ph. (805) 595-1310 fax (805) 595-1024

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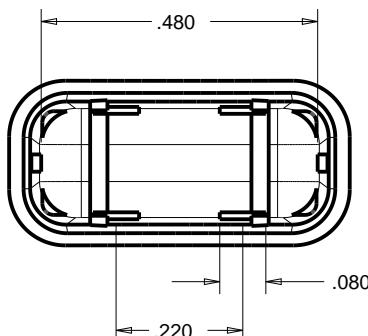
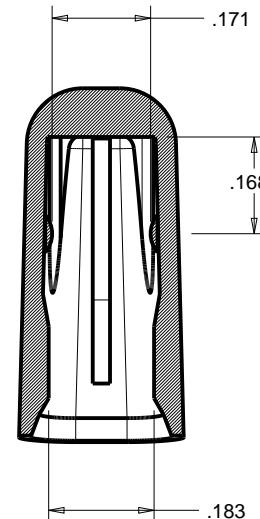
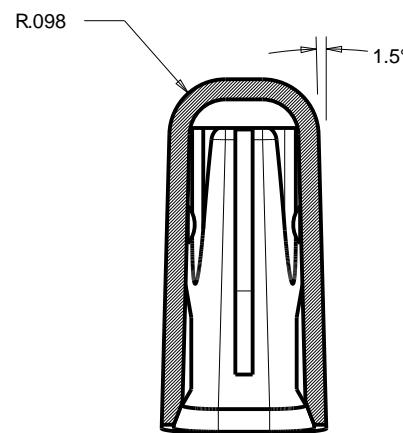
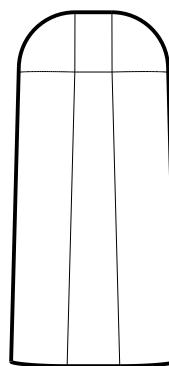
STANDARD - USB DEVICE  
PXX-210603X ASSEMBLY

SIZE	DRAWING NAME	REV.DOC
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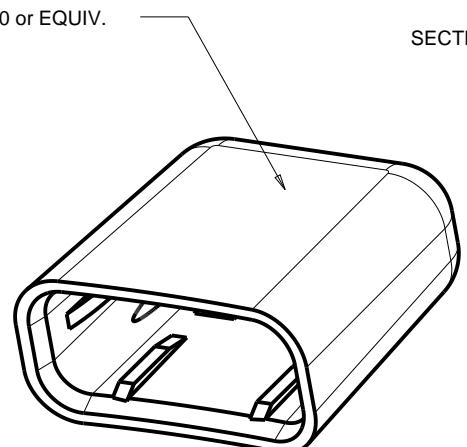
OPTIONAL USB CAP  
P210603C CAP



SCALE 3.000



MT-11010 or EQUIV.



SECTION Y-Y

SECTION A-A

TOLERANCES: UNLESS OTHERWISE SPECIFIED  
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X.XX = .015 X.XXXX = .001  
XXXX = .010 XX° = 1°

NEW AGE ENCLOSURES

Customer's Part No: 210603

APPROVAL BY DATE

CHECK

ENG.

SCALE

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M BOYER

07-Jul-06

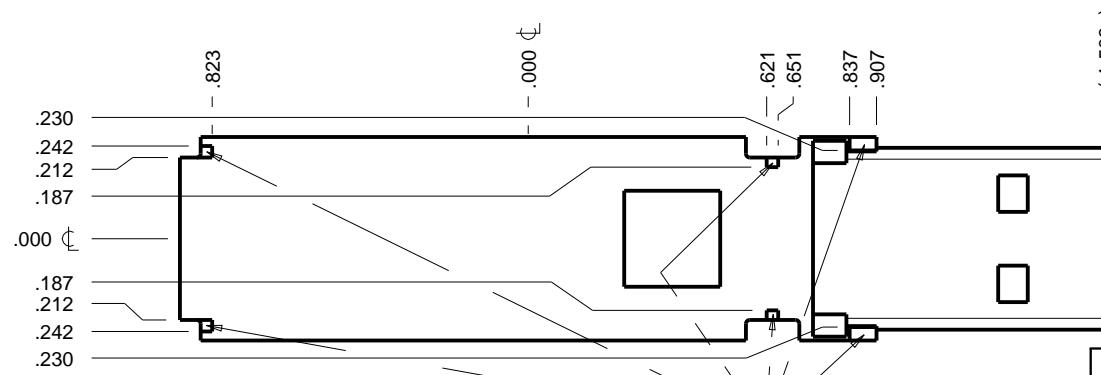
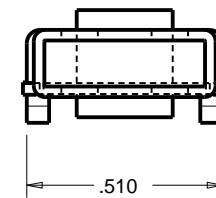
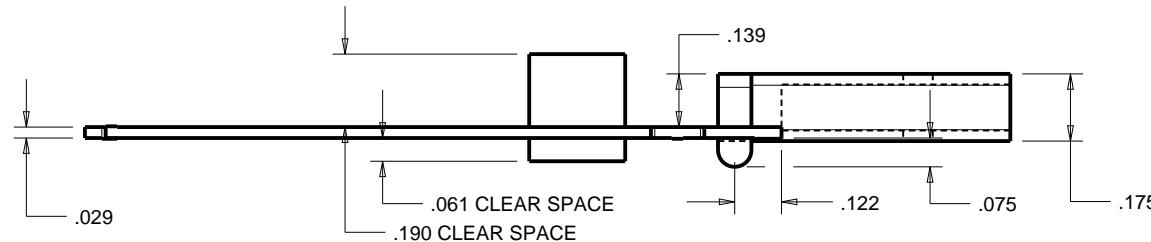
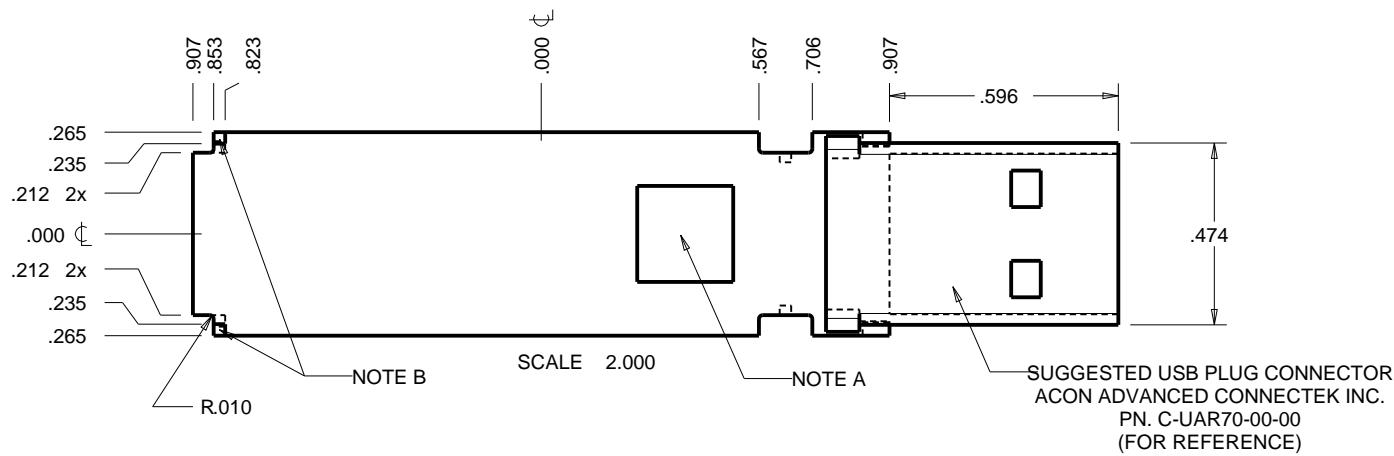
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STANDARD - USB DEVICE  
PXX-210603X ASSEMBLY

SIZE	DRAWING NAME	SHEET	REV.DOC
A	210603_R10_1	5 OF 7	10.1

P210603 PCB - CUSTOMER SUPPLIED

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



## NOTE

- A. FICTITIOUS COMPONENT SHOWN TO REPRESENT VERTICLE SPACE AVAILABLE.
- B. KEEP OUT ZONES REPRESENT AREAS WHERE THE PLASTIC ENCLOSURE WILL CONTACT THE }PCB.
- C. SOLID MODELS (STP) ARE AVAILABLE FOR DOWNLOAD. OTHER FORMATS ARE AVAILABLE }UPON REQUEST.

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$$X.XX = .015 \quad X.XXXX = .001$$

NEW AGE ENCLOSURES

Customer's Part No: 210603

APPROVAL BY DATE

CHECK	
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ENG.	
SCALE	
DRAWN BY	

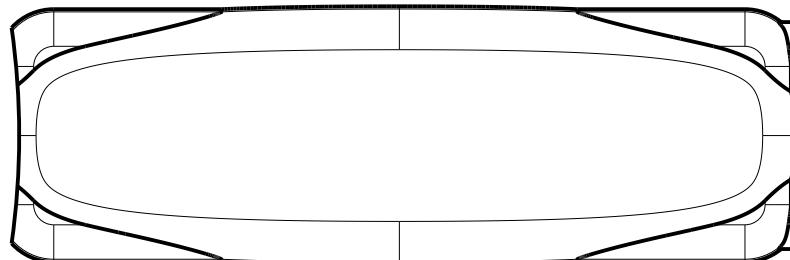
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**STANDARD - USB DEVICE  
PXX-210603X ASSEMBLY**

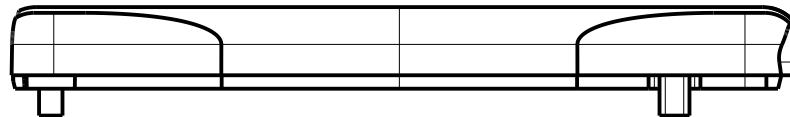
SIZE DRAWING NAME SHEET REV.DC  
A 210603\_R10\_1 6 OF 7 10.

## 2nd OPERATION DETAILS

NEW AGE ENCLOSURES DELIVERS YOUR ENCLOSURE MARKET-READY WITH IN-HOUSE  
CNC MACHINING, PAD PRINTING, ASSEMBLY, AND FULFILLEMENT.  
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"



SCALE 2.000



PXX-210603X-XXX COVER - ABS, BLACK

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

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NEW AGE ENCLOSURES

Customer's Part No: 210603

APPROVAL

CHECK

ENG.

SCALE

DRAWN BY

M BOYER

07-Jul-06

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STANDARD - USB DEVICE  
PXX-210603X ASSEMBLY

SIZE

A

DRAWING NAME  
210603\_R10\_1

SHEET

7 OF 7

REV.DOC  
10.1

# Mouser Electronics

Authorized Distributor

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

[New Age Enclosures](#):

[P1A-210603L](#) [P1A-210603K](#) [P3A-210603L](#) [P3A-210603K](#)