

NEW AGE ENCLOSURES

4330 Santa Fe Road
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F 805.595.1024
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



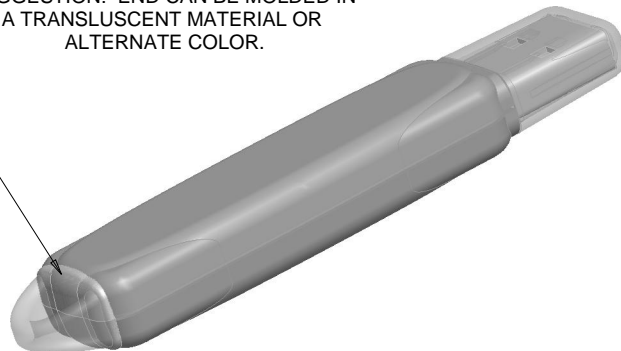
Custom Enclosures



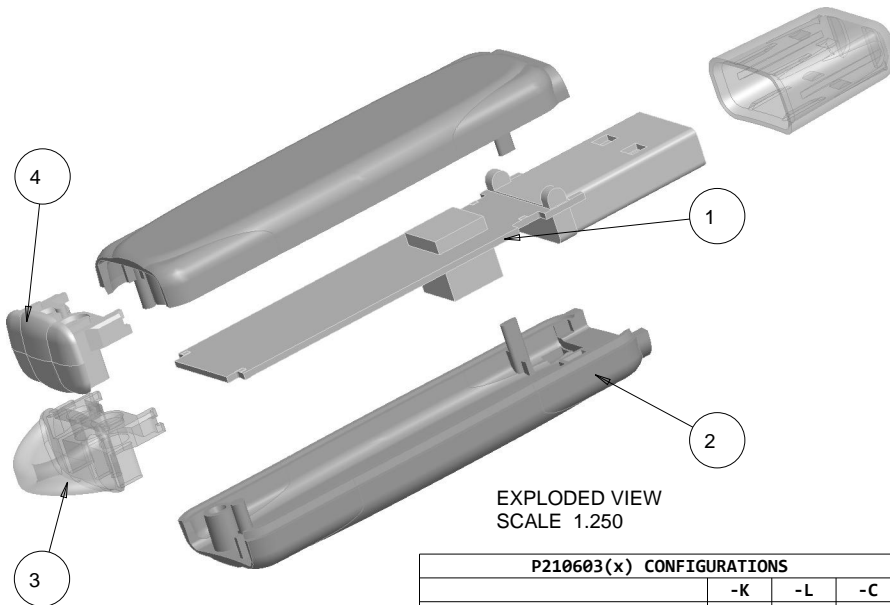
Assembly & Testing

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

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



SCALE 1.250



EXPLODED VIEW
SCALE 1.250

P210603(x) CONFIGURATIONS			
	-K	-L	-C
P210603 CASE HALF	2	2	
P210603 LENS w/ KEYRING *	1		
P210603 LENS *		1	
P210603 CAP			1

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

ITEM	DESCRIPTION	MATERIAL	COLOR	QTY.
5	210603 USB CAP - STANDARD	SOLD SEPARATELY	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

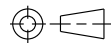
REVISION

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	D.C.
10.2	M BOYER	0211	NOTE CHANGE	13-Jan-11	

NOTES: UNLESS OTHERWISE SPECIFIED

- DIMENSIONS TO BE SYMMETRICAL ABOUT CENTERLINES WITHIN .003 T.I.R.
- CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
- EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH. EQUIVELANT TO MT-11010.
- INTERIOR SURFACE TEXTURE TO BE: NONE.
- ALL INSIDE RADII .010R. ALL OUTSIDE RADII .020R MAX, 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 DEGREES DRAFT IN THE DIRECTION OF PULL IS PERMISSIBLE UNLESS OTHERWISE SPECIFIED.
- THIS ENCLOSURE IS A PRESS FIT ASSEMBLY. FOR PERMANENT CLOSURE: A DROP ADHESIVE OR ULTRASONIC WELDING IS REQUIRED.
- MATERIAL / COLOR: BLACK OR WHITE ARE STANDARD ABS COLORS. CUSTOM MATERIALS AND COLORS ARE AVAILABLE UPON REQUEST FOR QUOTE.
- 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.

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: 210603

APPROVAL BY DATE

CHECK

ENG.

SCALE

DRAWN BY

M BOYER 07-Jul-06

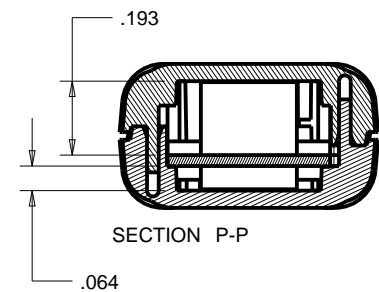
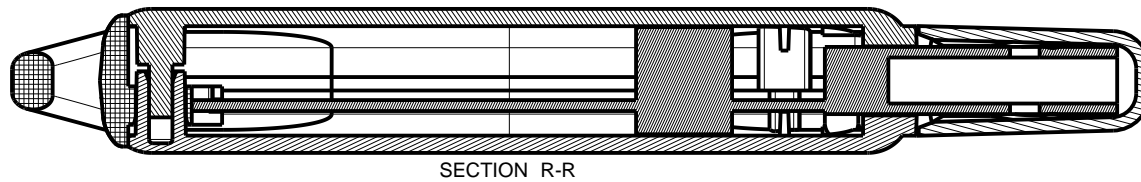
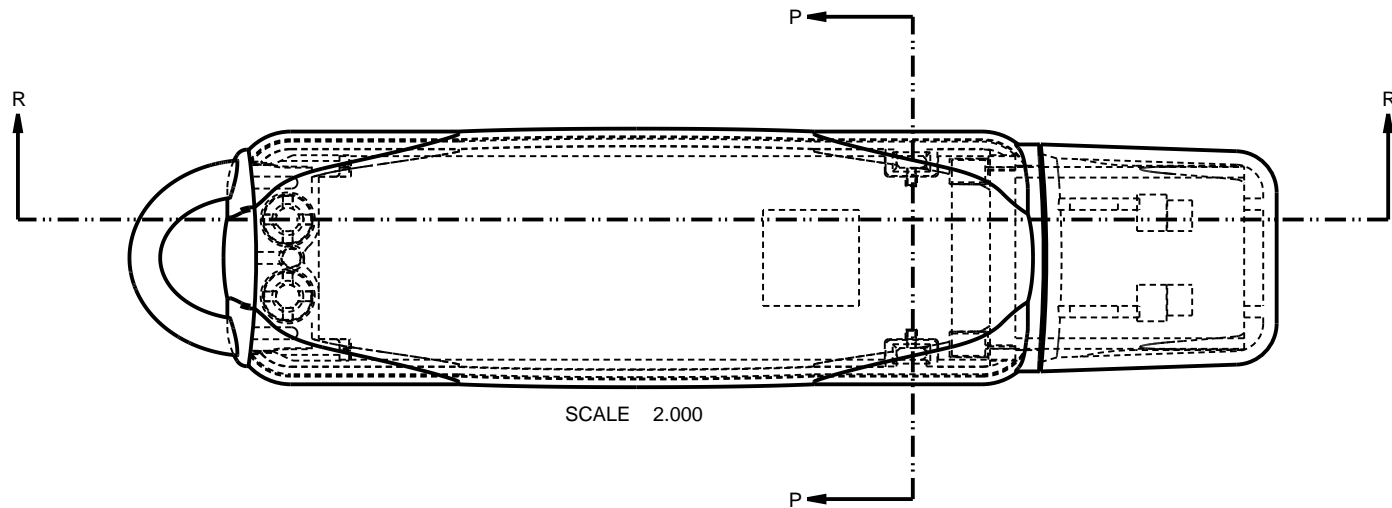
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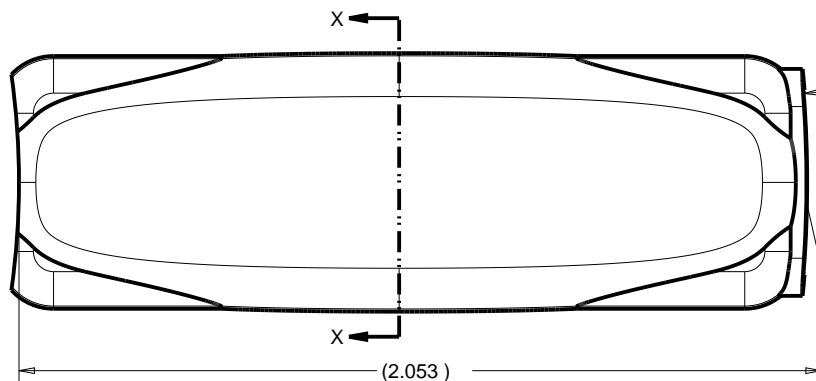
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**STANDARD - USB DEVICE
PXX-210603X ASSEMBLY**

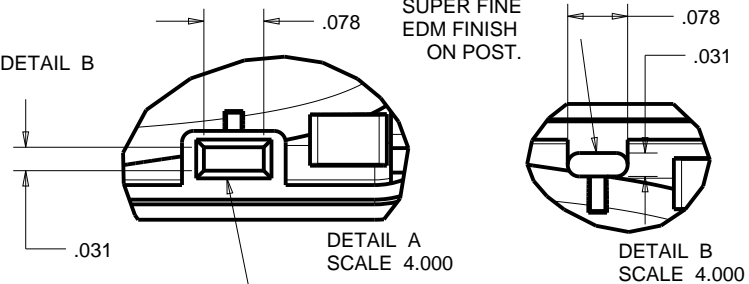
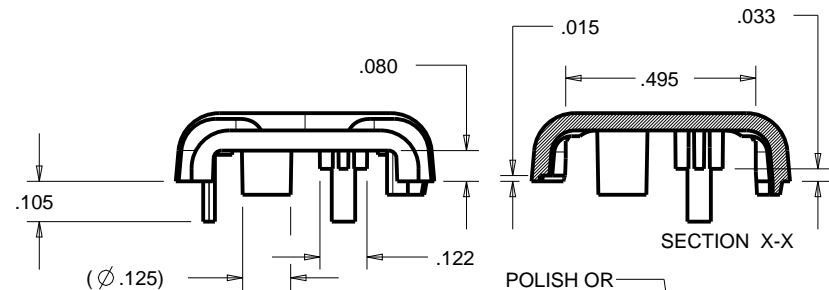
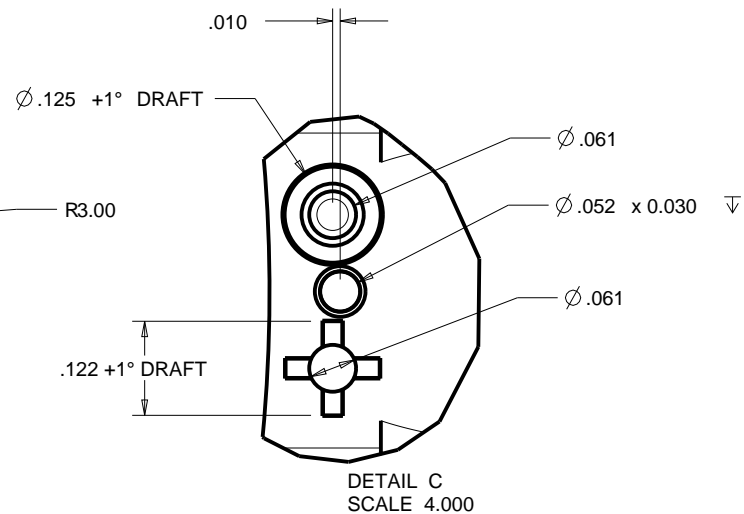
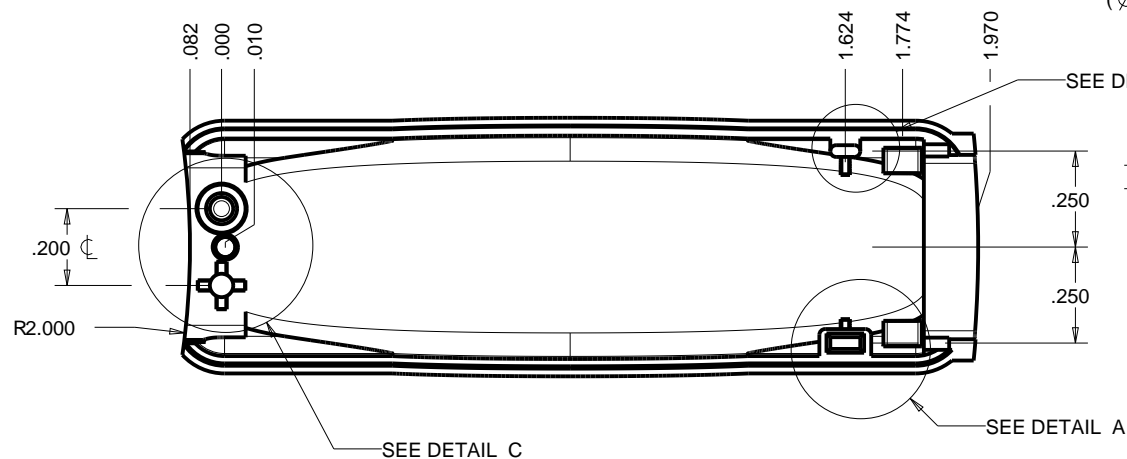
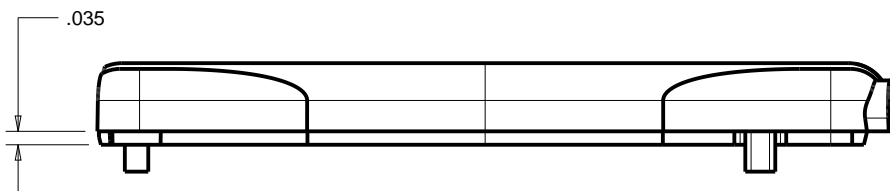
SIZE A DRAWING NAME 210603_R10_2 SHEET 1 OF 7 REV.DOC 10.2



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 4330 Santa Fe Road San Luis Obispo, CA. 93401 ph. (805) 595-1310 fax (805) 595-1024 www.newageenclosures.com		
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APPROVAL	BY	DATE	STANDARD - USB DEVICE PXX-210603X ASSEMBLY			
CHECK						
ENG.						
SCALE						
DRAWN BY M BOYER			SIZE A	DRAWING NAME 210603_R10_2	SHEET 2 OF 7	REV.DOC 10.2



SCALE 2.000



USE CORE PIN AT EXTENTS OF THE CHAMFER TO ALLOW LATER ADJUSTMENT

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NEW AGE ENCLOSURES

Customer's Part No: 210603

APPROVAL	BY	DATE
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ENG.		
SCALE		

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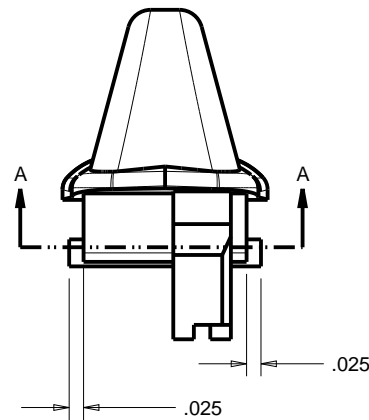
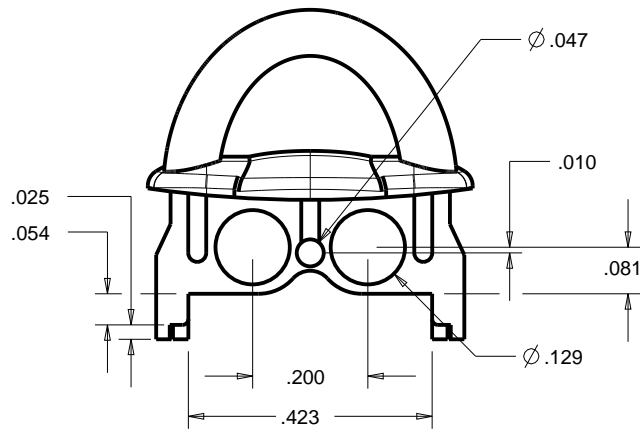
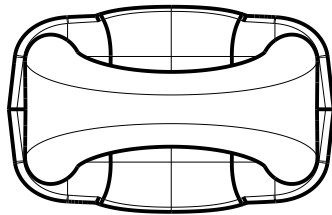
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**STANDARD - USB DEVICE
PXX-210603X ASSEMBLY**

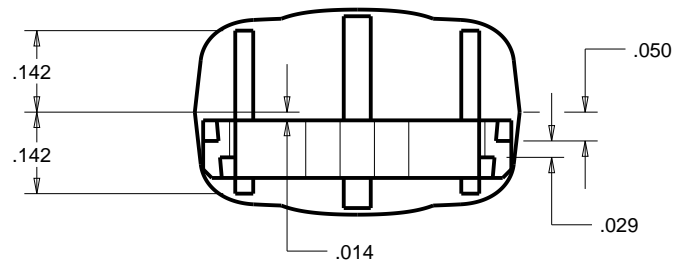
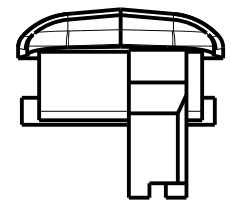
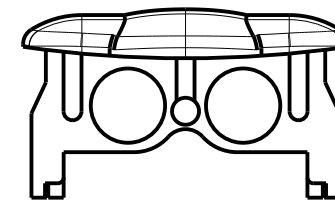
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A	210603_R10_2	3 OF 7	10.2

ASSEMBLY END CAPS

WITH KEY RING AND WITHOUT.
PLEASE SPECIFY PREFERENCE WHEN ORDERING

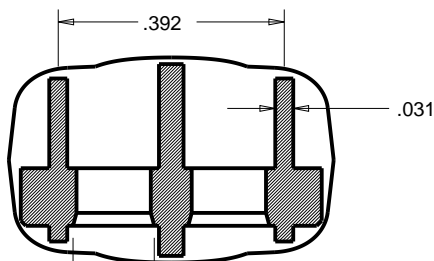


CRITICAL DIMENSIONS:
SAME AS END W/ RING



P210603K KEYRING
SCALE 3.000

P210603L LENS
SCALE 3.000

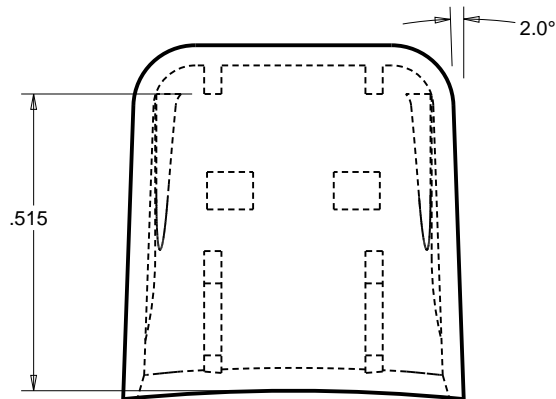
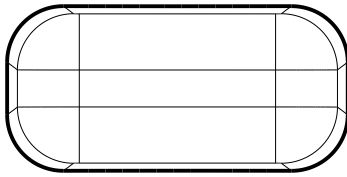


USE \varnothing .141 CORE PIN

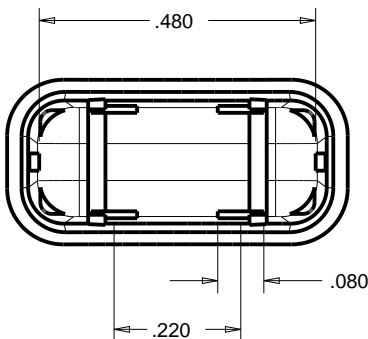
SECTION A-A

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APPROVAL	BY	DATE				
CHECK						
ENG.						
SCALE						
DRAWN BY M BOYER			SIZE A	DRAWING NAME 210603 R10_2	SHEET 4 OF 7	REV.DOC 10.2
07-Jul-06						

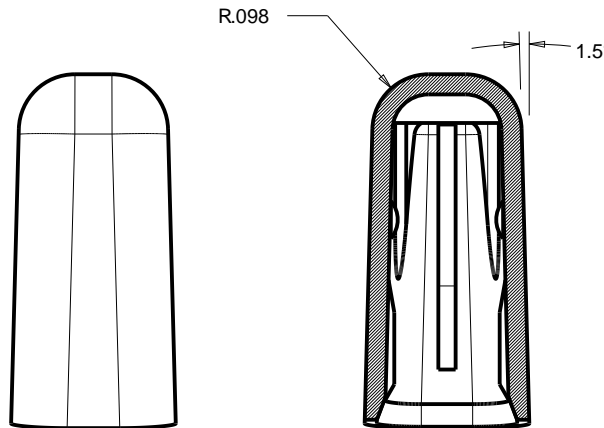
OPTIONAL USB CAP P210603C CAP



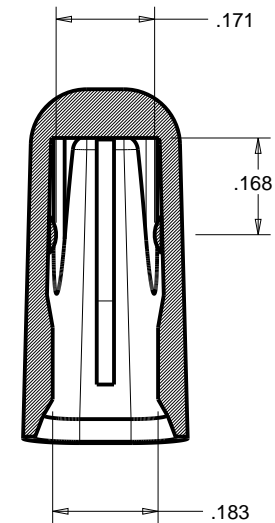
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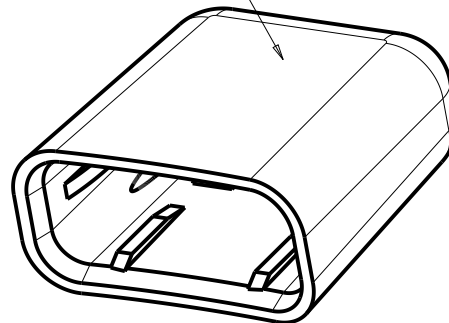
MT-11010 or EQUIV.



SECTION Y-Y



SECTION A-A

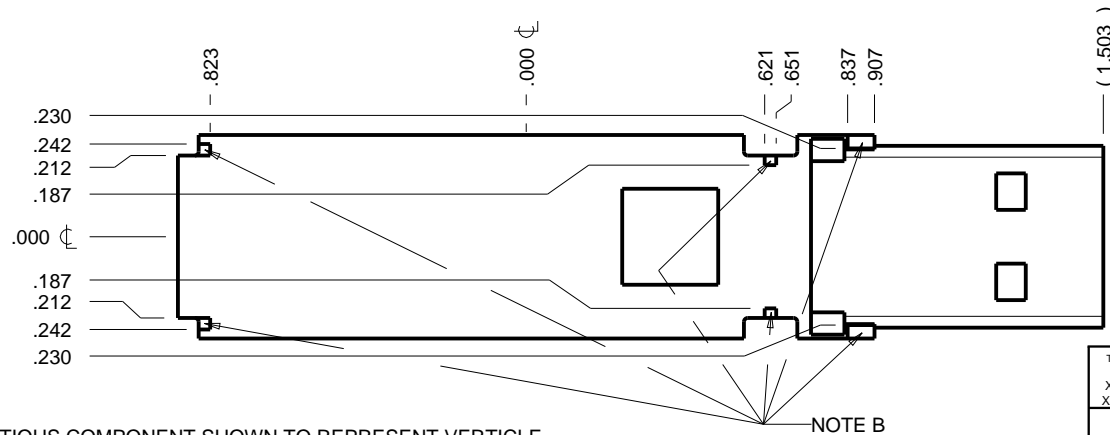
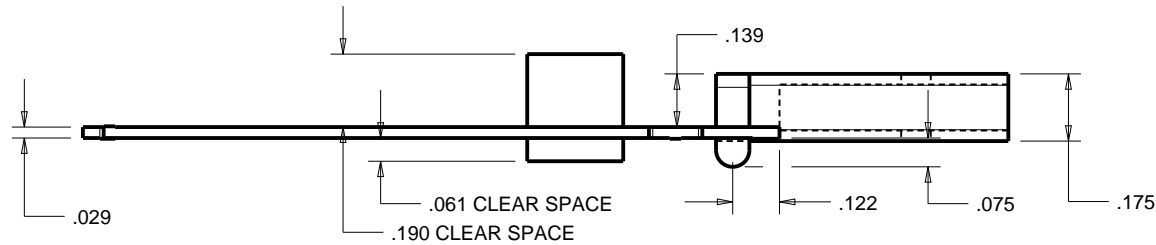
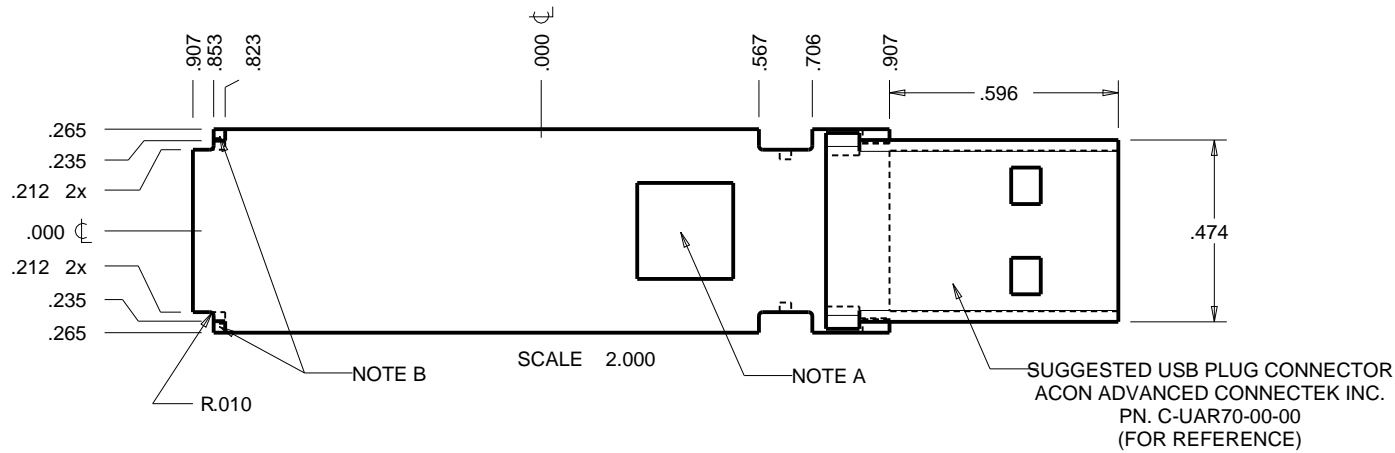


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Customer's Part No: 210603		
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STANDARD - USB DEVICE PXX-210603X ASSEMBLY	
SIZE A	DRAWING NAME 210603_R10_2
SHEET 5 OF 7	REV.DOC 10.2

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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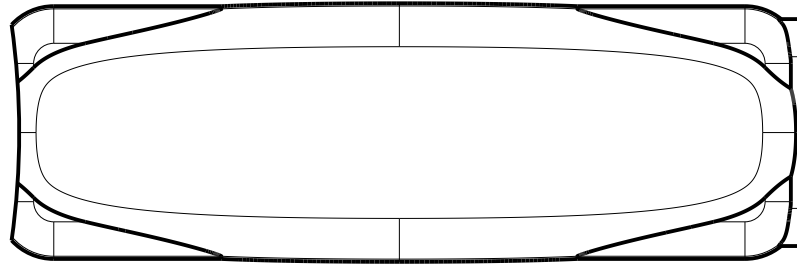
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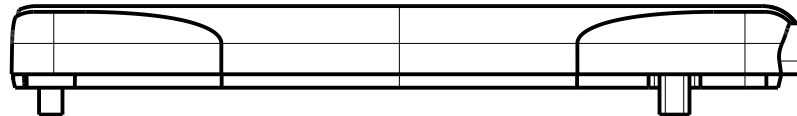
SIZE	DRAWING NAME	SHEET	REV.DOC
A	210603_R10_2	6 OF 7	10.2

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"



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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APPROVAL	BY	DATE	SIZE	DRAWING NAME	SHEET	REV.DOC
CHECK			A	210603_R10_2	7 OF 7	10.2
ENG.						
SCALE						
DRAWN BY	07-Jul-06					
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