

# 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**

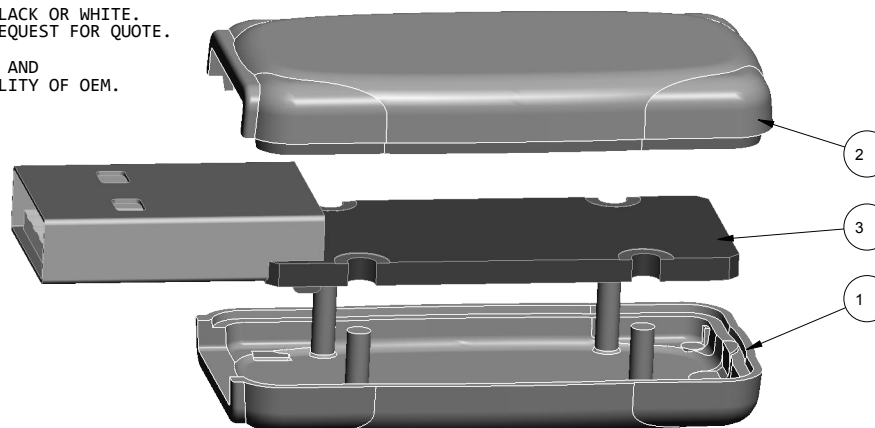
"Market-Ready Enclosures© For Today's Electronics."

NOTES: UNLESS OTHERWISE SPECIFIED

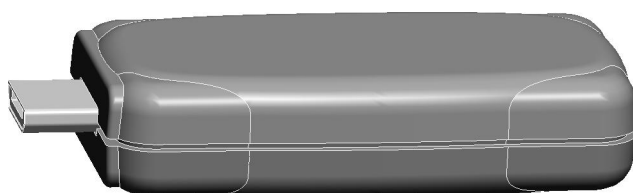
- CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
- EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH. EQUIVELANT TO MT-11010.
- INTERIOR SURFACE TEXTURE TO BE: NONE.
- ALL INSIDE RADII .010R. ALL OUTSIDE RADII .020R MAX, UNLESS OTHERWISE SPECIFIED.
- ALL EXTERNAL DIMENSIONS AFFECTED BY THE DRAFT APPLY AT THE 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 DEGREE 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: 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 IT'S FIT ARE THE SOLE RESPONSIBILITY OF OEM.

**P140703(x) CONFIGURATIONS**

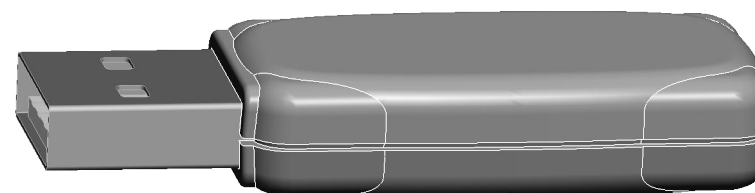
	-S	-U
P140703 COVER	1	
P140703 COVER w/ TYPE A USB		1
P140703 BASE	1	
P140703 BASE w/ TYPE A USB		1



SCALE 2.000



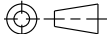
140703S w/ CUTOUT FOR MALE  
MICRO USB SHOWN (EXAMPLE)  
SCALE 2.000



140703U w/ TYPE A USB  
OPENING SHOWN  
SCALE 2.000

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

REV.	DRAWN BY	ECO No	DESCRIPTION	DATE	APPROVED
A	M BOYER	DR XXX	PRELIMINARY RELEASE	26-Feb-10	D.C.
B	M BOYER		DESIGN ROUND PCB STANDOFFS ON BASE	25-Oct-10	D.C.
C	M BOYER		MODIFY PCB RIBS	28-Sep-10	D.C.
D	M BOYER		UPDATE FORMAT	29-Sep-10	D.C.
E	M BOYER		UPDATE PCB STANDOFF	13-Dec-10	D.C.
F	M BOYER		ADD DIMENSIONS	09-Apr-11	D.C.
1.0	M BOYER		UPDATE TO AS-BUILT, RELEASED TO PRODUCTION	14-Jun-11	

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: 140703

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	

DRAWN BY  
M BOYER 26-Feb-10

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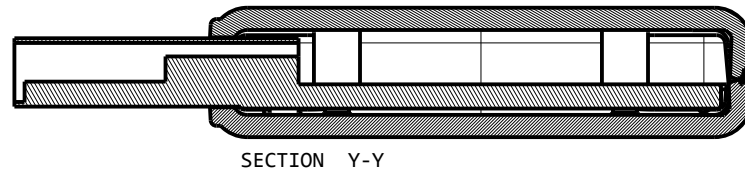
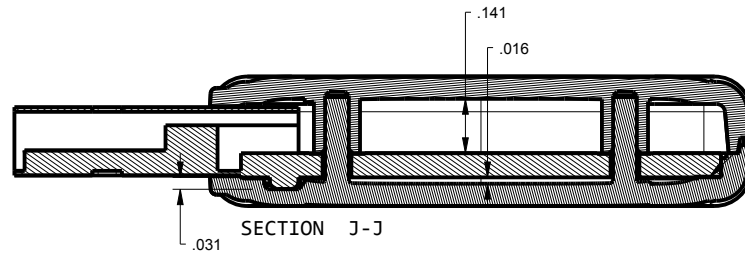
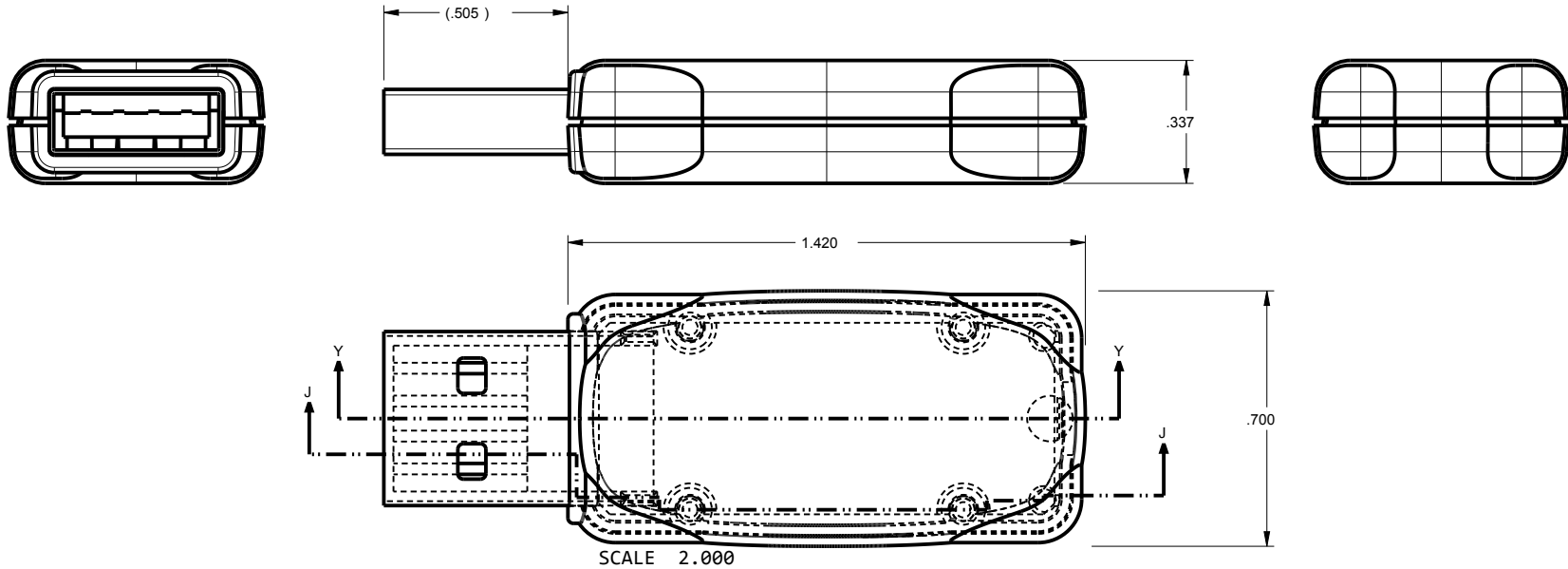
**STANDARD - MICRO USB  
PXX-140703 ASSEMBLY**

3	140703 PCB - REFERENCE	.062" THICK	CUSTOMER SUPPLIED	1
2	140703U COVER - STANDARD	ABS	BLACK or WHITE	1
1	140703U BASE - STANDARD	ABS	BLACK or WHITE	1
ITEM	DESCRIPTION	MATERIAL	COLOR	QTY.

**BILL OF MATERIALS**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	140703_R1_0	1 OF 6	1.0

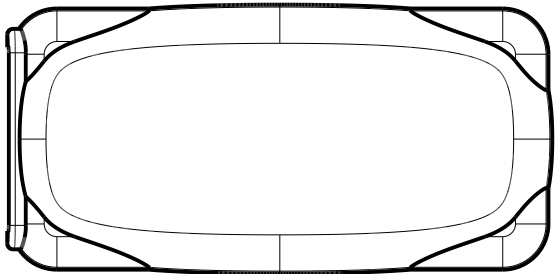
# 140703 ASSEMBLY



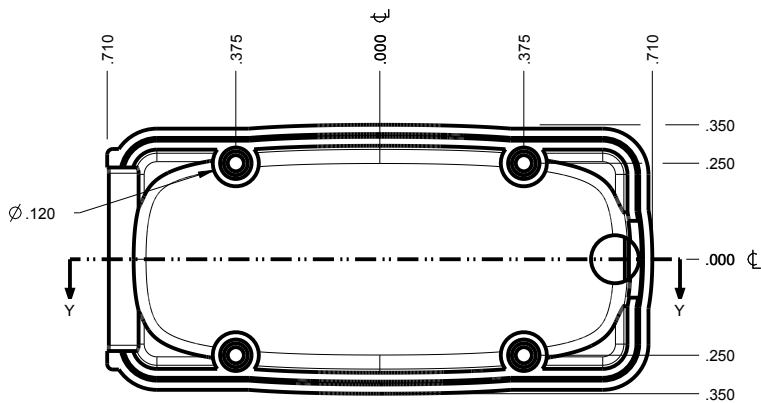
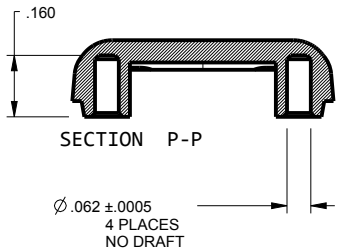
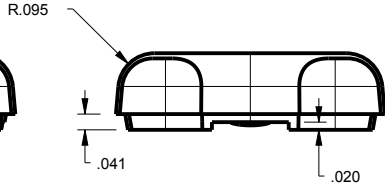
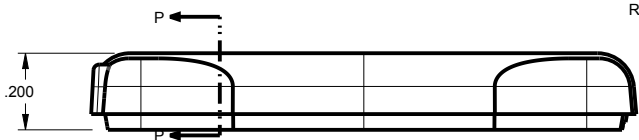
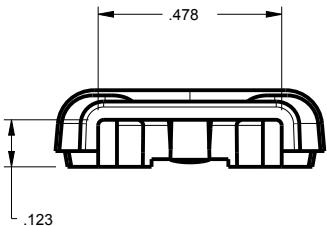
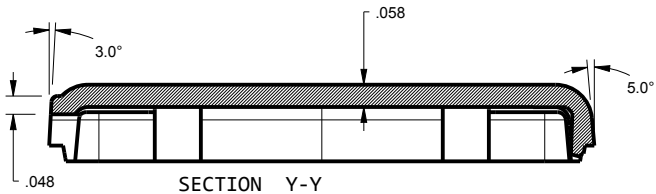
TWO POSTS PROTRUDE FROM THE BASE TO CAPTURE THE PCB. THE STANDARD PCB THICKNESS IS 0.062" BUT THESE POSTS CAN BE MOLDED AT VARIOUS LENGTHS TO ACCOMMODATE VARIOUS PCB THICKNESSES. PLEASE ASK YOUR SALES REPRESENTATIVE FOR A QUOTE.

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>				
Customer's Part No: 140703		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>				
APPROVAL	BY	DATE	STANDARD - MICRO USB PXX-140703 ASSEMBLY			
CHECK						
ENG.						
SCALE	AS NOTED					
DRAWN BY M BOYER		26-Feb-10	SIZE A	DRAWING NAME 140703_R1_0	SHEET 2 OF 6	REV.DOC 1.0

140703 COVER

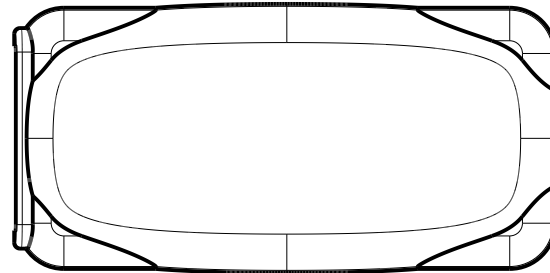


SCALE 2.000

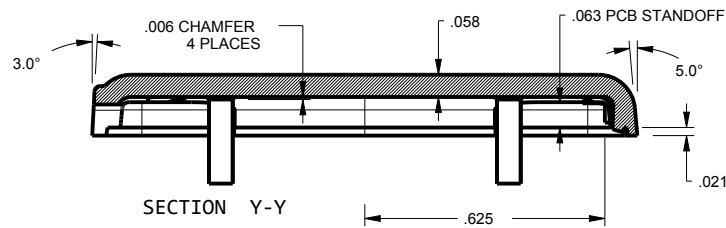


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Customer's Part No: 140703			
APPROVAL	BY	DATE	
CHECK			
ENG.			
SCALE	AS NOTED		
DRAWN BY	26-Feb-10		SIZE
M BOYER			A
DRAWING NAME		SHEET	REV.DOC
140703_R1_0		3 OF 6	1.0

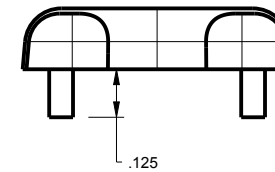
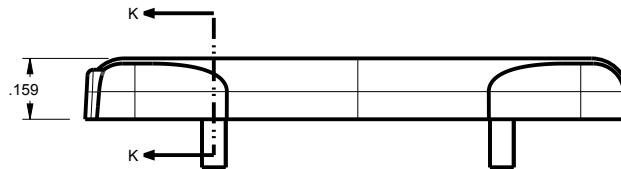
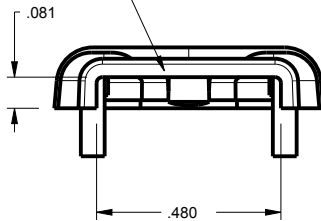
# 140703 BASE



SCALE 2.000

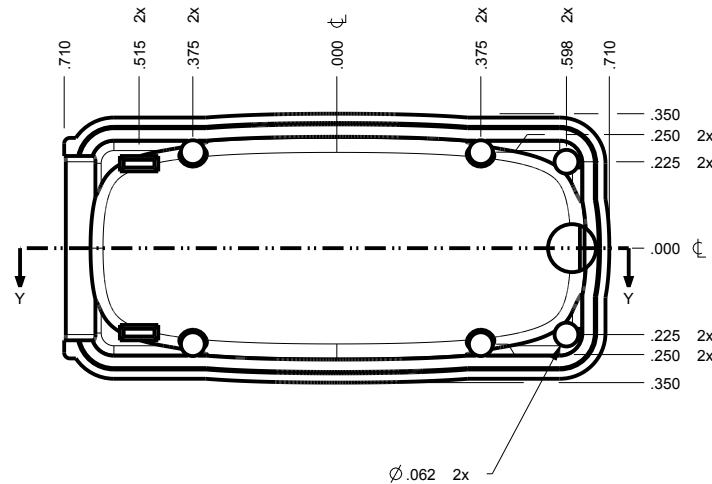


OPENING FOR  
TYPE A USB  
SHOWN



SECTION K-K

$\varnothing .062 \pm .0005$   
4 PLACES  
NO DRAFT



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X.XXX = .010 X.X" = 1"

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Customer's Part No: 140703

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	

DRAWN BY	26-Feb-10
M BOYER	

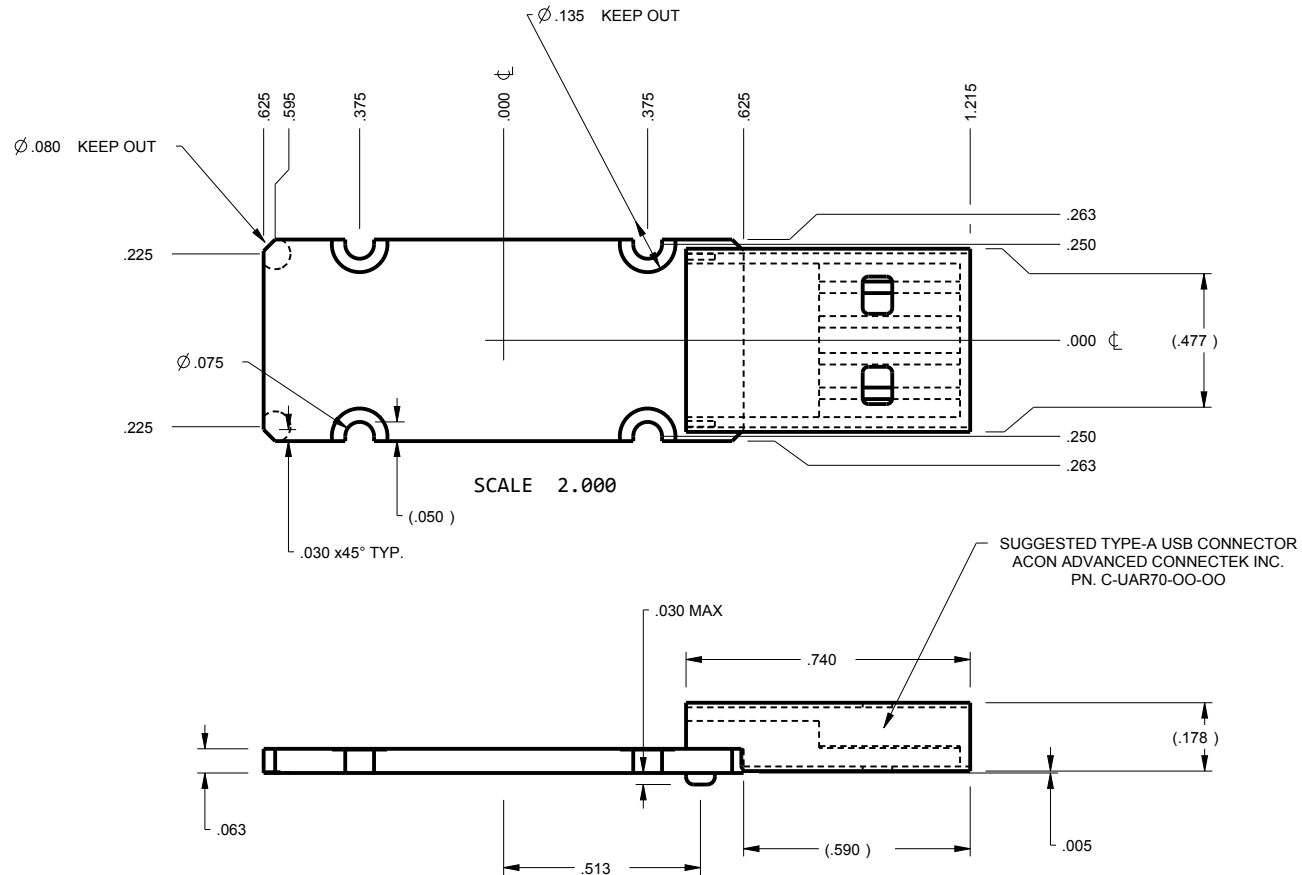
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**STANDARD - MICRO USB  
PXX-140703 ASSEMBLY**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	140703_R1_0	4 OF 6	1.0

# 140703 PCB - CUSTOMER SUPPLIED

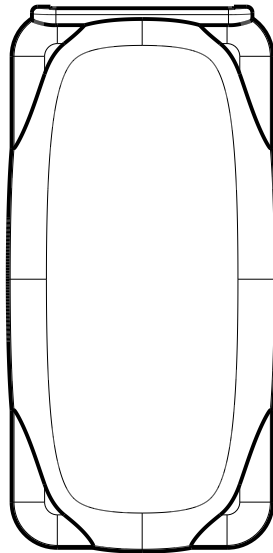
PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL  
SIZES AND VERIFICATION OF IT'S FIT ARE THE  
SOLE RESPONSIBILITY OF THE OEM.



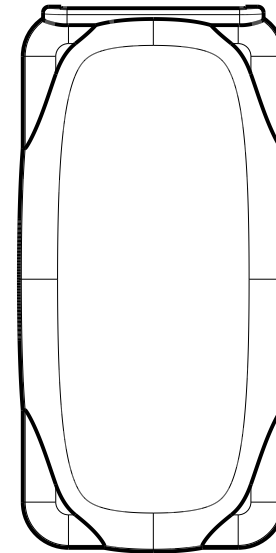
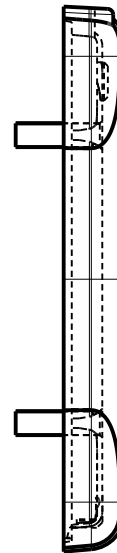
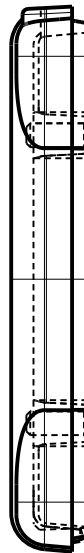
TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES: X.XX = .015 X.XXXX = .001 X.XXX = .010 X.X" = 1"		<b>NEW AGE ENCLOSURES</b>				
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APPROVAL	BY	DATE	STANDARD - MICRO USB PXX-140703 ASSEMBLY			
CHECK						
ENG.						
SCALE	AS NOTED					
DRAWN BY M BOYER		26-Feb-10	SIZE A	DRAWING NAME 140703_R1_0	SHEET 5 OF 6	REV.DOC 1.0

## 2nd OPERATION DETAILS

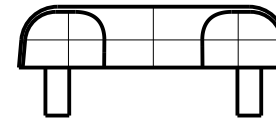
NEW AGE ENCLOSURES DELIVERS YOUR ENCLOSURE MARKET-READY WITH IN-HOUSE  
CNC MACHINING, PAD PRINTING, ASSEMBLY, AND FULFILLMENT.  
ALL SURFACES AND AREAS ARE AVAILABLE FOR CNC ALTERATION BY NEW AGE ENCLOSURES  
CALL (805) 595-1310 FOR PRICING AND SCHEDULE.  
THE INSIDE RADIUS OF ANY MACHINED FEATURES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



140703 COVER  
SCALE 2.000



140703 BASE  
SCALE 2.000



### PXX-140703-XXX COVER - ABS, BLACK

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

### PXX-140703-XXX BASE - ABS, BLACK

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

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X.XXX = .010 X.X" = 1"

NEW AGE ENCLOSURES

Customer's Part No: 140703

APPROVAL BY DATE

CHECK

ENG.

SCALE AS NOTED

DRAWN BY

M BOYER 26-Feb-10

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**STANDARD - MICRO USB  
PXX-140703 ASSEMBLY**

SIZE A DRAWING NAME 140703\_R1\_0 SHEET 6 OF 6 REV.DOC 1.0