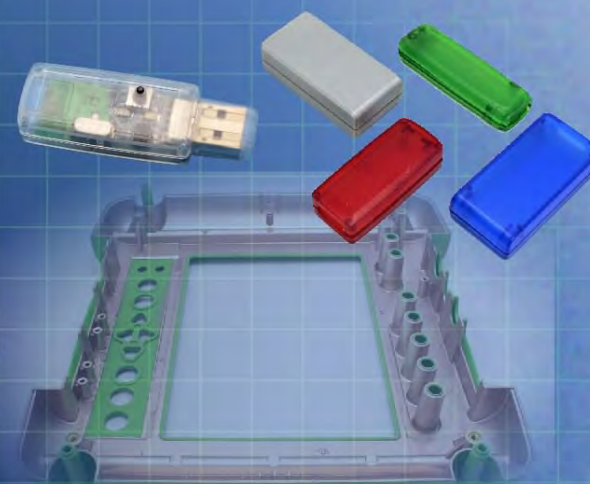


Ordering a market-ready enclosure® is made fast and affordable with our complete in-house capabilities. New Age provides machined openings to fit your PCB, pad printing for your graphics, custom enclosures, custom colors, final assembly, testing and fulfillment services to save you additional time and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

## ***Fast and Affordable Customization***

**CNC Modifications  
Pad Printing  
Colored Resins  
EMI/RF Shielding  
Custom Enclosure  
Assembly & Testing**



ISO quality  
off-the-shelf  
to market-ready®

# **NEW AGE ENCLOSURES**

[www.NewAgeEnclosures.com](http://www.NewAgeEnclosures.com)

4330 Santa Fe Road • San Luis Obispo, CA 93401 • T 805.595.1310 • F 805.595.1024

NOTES: UNLESS OTHERWISE SPECIFIED

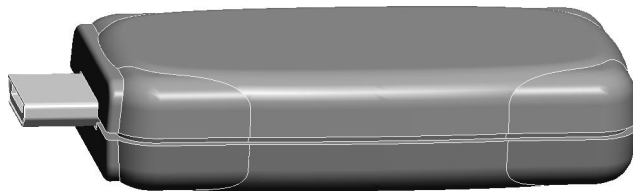
- CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
- EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH. EQUIVELANT TO MT-11010.
- INTERIOR SURFACE TEXTURE TO BE: NONE.
- ALL INSIDE RADII .010R. ALL OUTSIDE RADII .020R MAX, UNLESS OTHERWISE SPECIFIED.
- ALL EXTERNAL DIMENSIONS AFFECTED BY THE DRAFT APPLY AT THE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

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	D.C.
1.1	M BOYER	2411	ADD STANDARD CONFIG DETAILS	30-Jun-11	

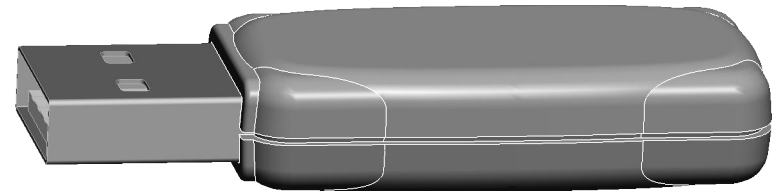
P140703(x) CONFIGURATIONS		
	-S	-U
P140703 COVER	1	
P140703 COVER w/ TYPE A USB		1
P140703 BASE	1	
P140703 BASE w/ TYPE A USB		1



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

ITEM	DESCRIPTION	MATERIAL	COLOR	QTY.
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

**BILL OF MATERIALS**

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°	
	<b>NEW AGE ENCLOSURES</b> Customer's Part No: 140703	
APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	
DRAWN BY	26-Feb-10	
M BOYER		

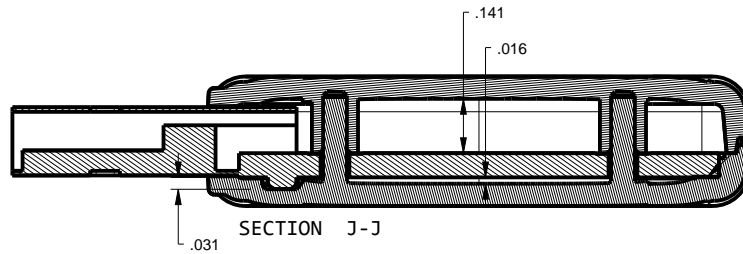
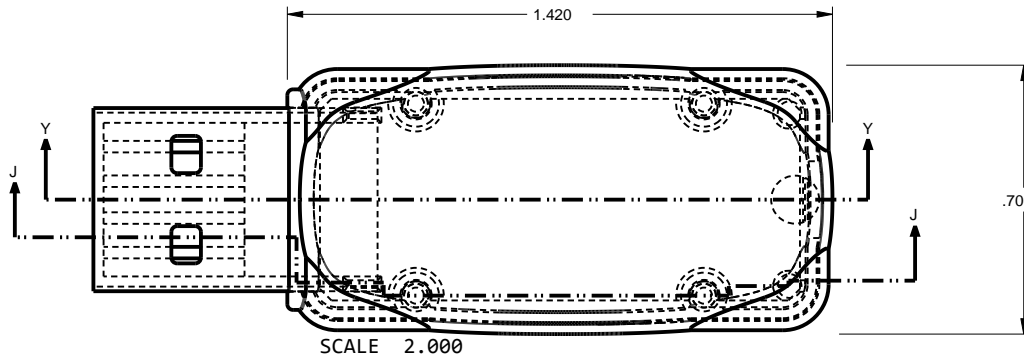
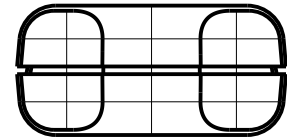
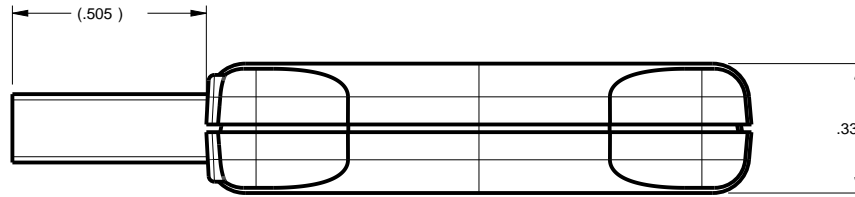
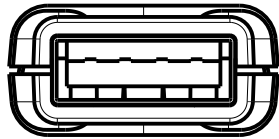
**NEW AGE ENCLOSURES**

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

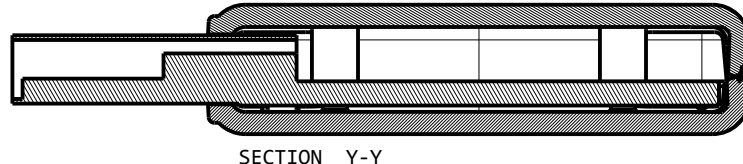
**STANDARD - MICRO USB PXX-140703 ASSEMBLY**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	140703_R1_1	1 OF 6	1.1

# 140703 ASSEMBLY

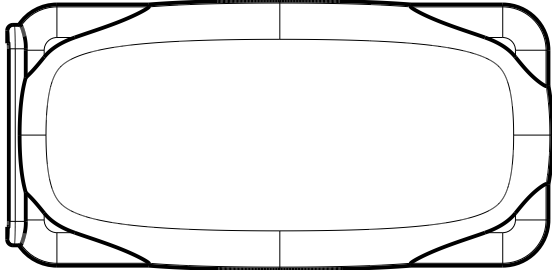


TWO POSTS PROTRUDE FROM THE BASE TO CAPTURE THE PCB. THE STANDARD PCB THICKNESS IS 0.062" BUT THESE POSTS CAN BE MOLDED AT VARIOUS LENGTHS TO ACCOMMODATE VARIOUS PCB THICKNESSES. PLEASE ASK YOUR SALES REPRESENTATIVE FOR A QUOTE.



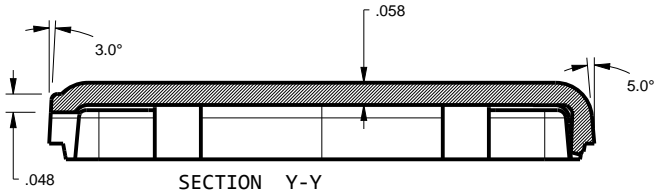
TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES: X.XX = .015 X.XXXX = .001 X.XXX = .010 X.X° = 1°		<b>NEW AGE ENCLOSURES</b> 4330 Santa Fe Road San Luis Obispo, CA. 93401 ph. (805) 595-1310 fax (805) 595-1024 <a href="http://www.newageenclosures.com">www.newageenclosures.com</a>	
NEW AGE ENCLOSURES Customer's Part No: 140703			
APPROVAL	BY	DATE	<b>STANDARD - MICRO USB          PXX-140703 ASSEMBLY</b>
CHECK			
ENG.			
SCALE	AS NOTED		SIZE
DRAWN BY	26-Feb-10		DRAWING NAME
M BOYER			A 140703_R1_1
		SHEET	REV.DOC
		2 OF 6	1.1

140703 COVER

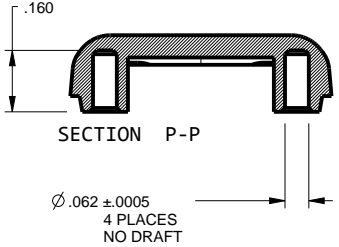
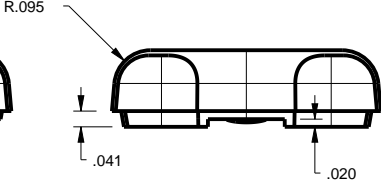
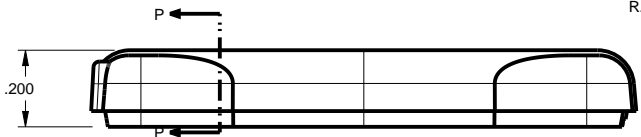
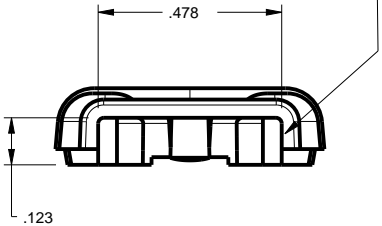


SCALE 2.000

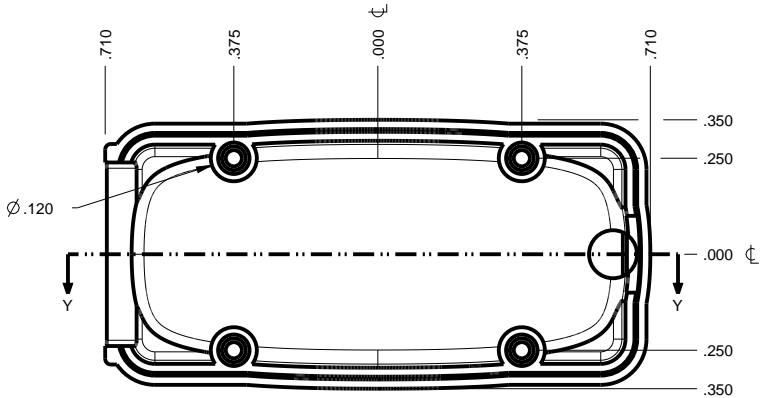
TYPE A USB OPENING IS  
OPTIONAL. STANDARD VERSION  
(S) IS MOLDED WITH NO OPENING



SECTION Y-Y



SECTION P-P



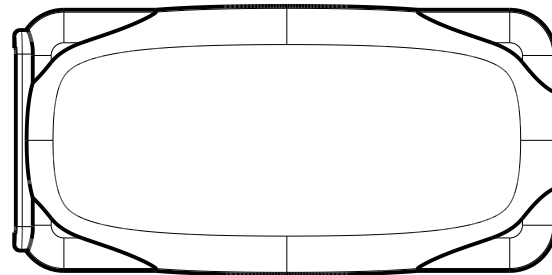
TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES:	
X.XX = .015	X.XXXX = .001
X.XXX = .010	X.X° = 1°
NEW AGE ENCLOSURES	
Customer's Part No: 140703	
APPROVAL	BY DATE
CHECK	
ENG.	
SCALE	AS NOTED
DRAWN BY	26-Feb-10
M BOYER	

**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)

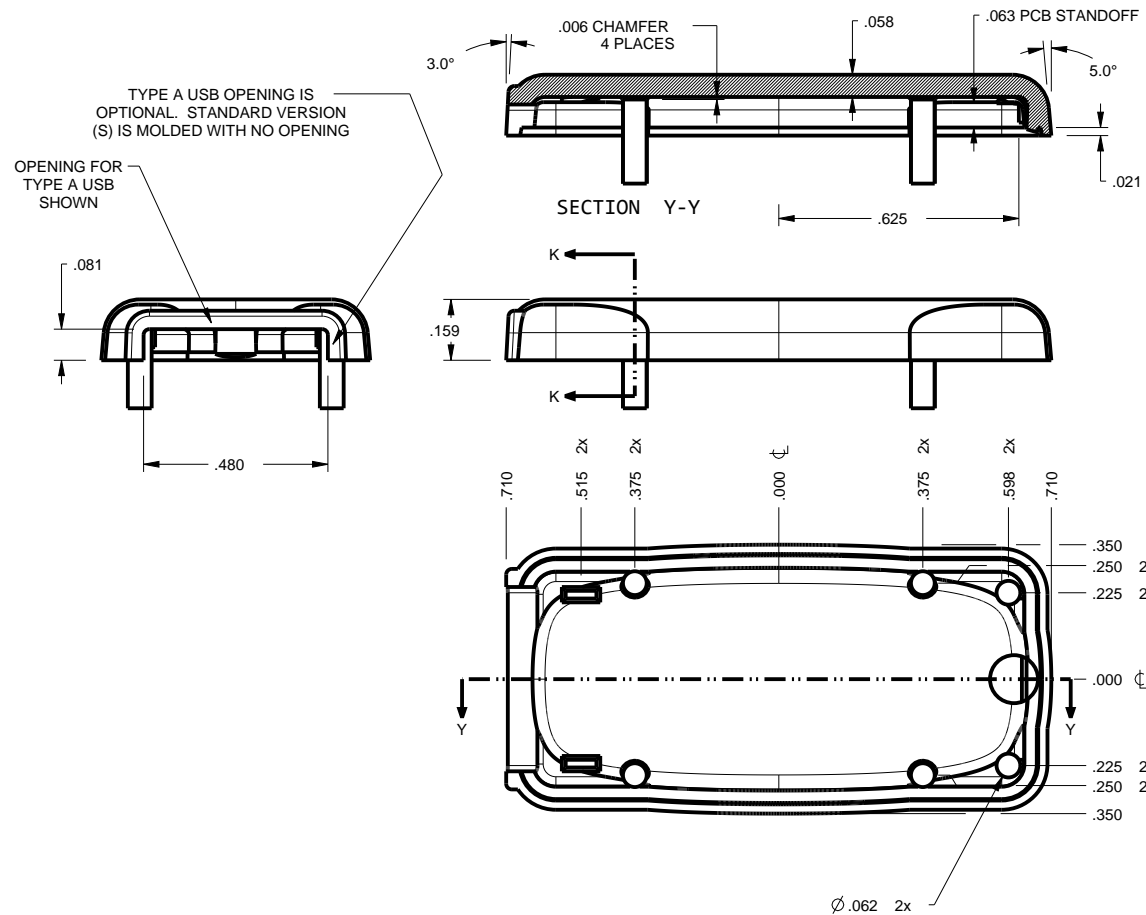
**STANDARD - MICRO USB  
 PXX-140703 ASSEMBLY**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	140703_R1_1	3 OF 6	1.1

# 140703 BASE



SCALE 2.000



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

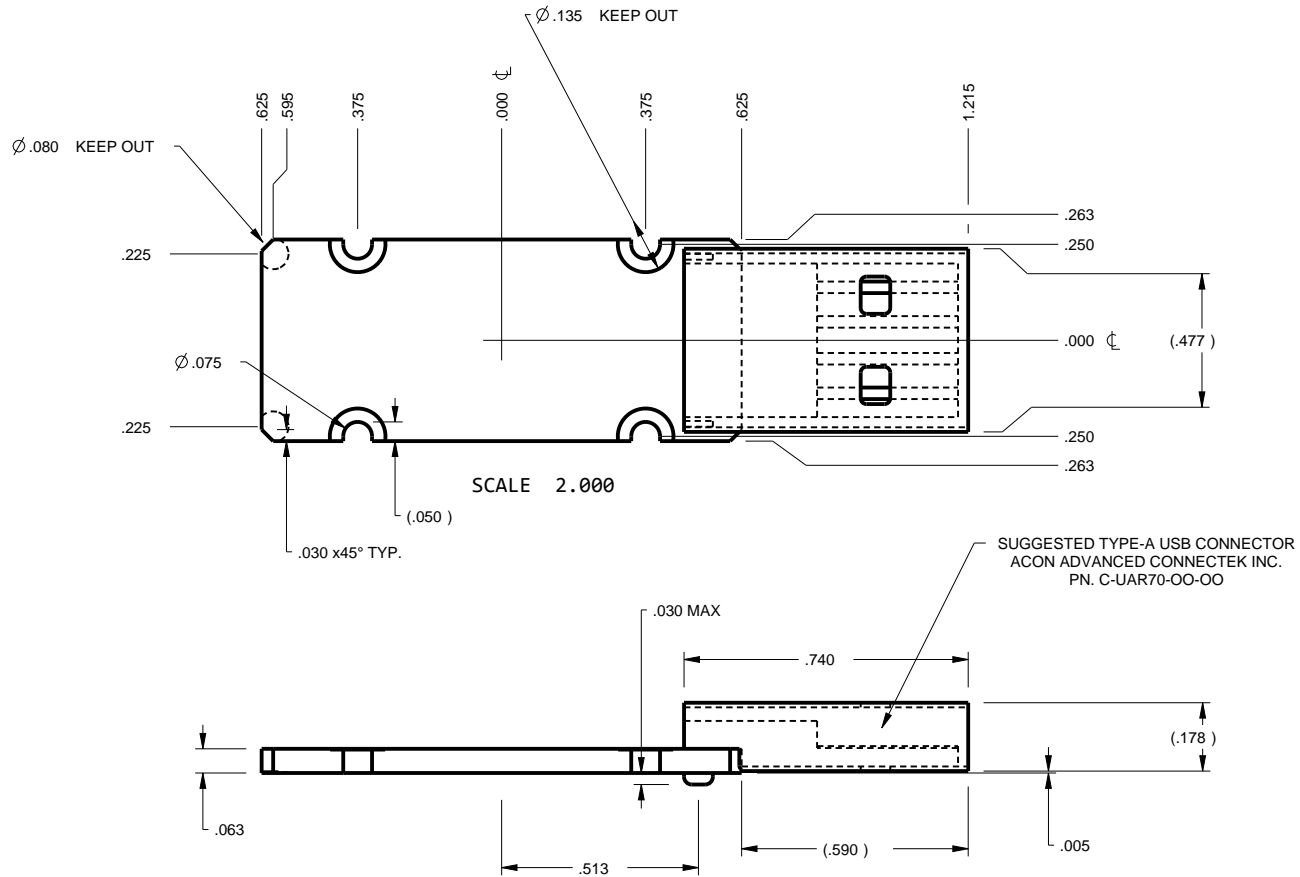
**NEW AGE ENCLOSURES**  
 4330 Santa Fe Road San Luis Obispo, CA. 93401  
 ph. (805) 595-1310 fax (805) 595-1024  
[www.newageenclosures.com](http://www.newageenclosures.com)

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

SIZE	DRAWING NAME	SHEET	REV.DOC
A	140703_R1_1	4 OF 6	1.1

# 140703 PCB - CUSTOMER SUPPLIED

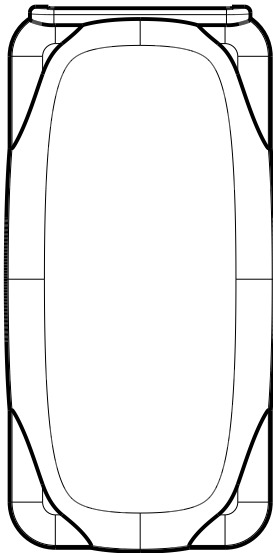
PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF IT'S FIT ARE THE SOLE RESPONSIBILITY OF THE OEM.



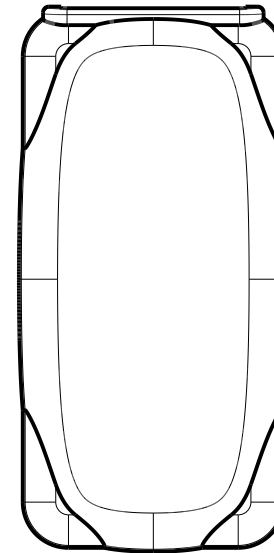
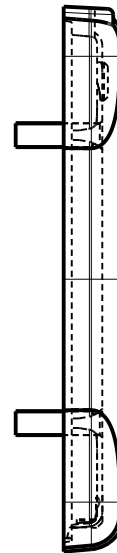
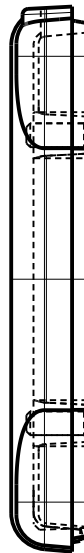
TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES: X.XX = .015 X.XXXX = .001 X.XXX = .010 X.X° = 1°		<b>NEW AGE ENCLOSURES</b> 4330 Santa Fe Road San Luis Obispo, CA. 93401 ph. (805) 595-1310 fax (805) 595-1024 <a href="http://www.newageenclosures.com">www.newageenclosures.com</a>	
Customer's Part No: 140703			
APPROVAL	BY	DATE	<b>STANDARD - MICRO USB PXX-140703 ASSEMBLY</b>
CHECK			
ENG.			
SCALE	AS NOTED		
DRAWN BY	M BOYER	26-Feb-10	SIZE A DRAWING NAME 140703_R1_1 SHEET 5 OF 6 REV.DOC 1.1

## 2nd OPERATION DETAILS

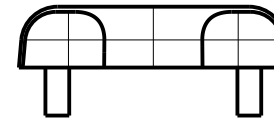
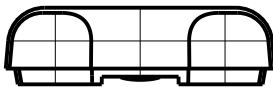
NEW AGE ENCLOSURES DELIVERS YOUR ENCLOSURE MARKET-READY WITH IN-HOUSE  
CNC MACHINING, PAD PRINTING, ASSEMBLY, AND FULFILLEMENT.  
ALL SURFACES AND AREAS ARE AVAILABLE FOR CNC ALTERATION BY NEW AGE ENCLOSURES  
CALL (805) 595-1310 FOR PRICING AND SCHEDULE.  
THE INSIDE RADIUS OF ANY MACHINED FEATURES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



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	-	-	-

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

## 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 - MICRO USB PXX-140703 ASSEMBLY

SIZE	DRAWING NAME	SHEET	REV.DOC
A	140703_R1_1	6 OF 6	1.1