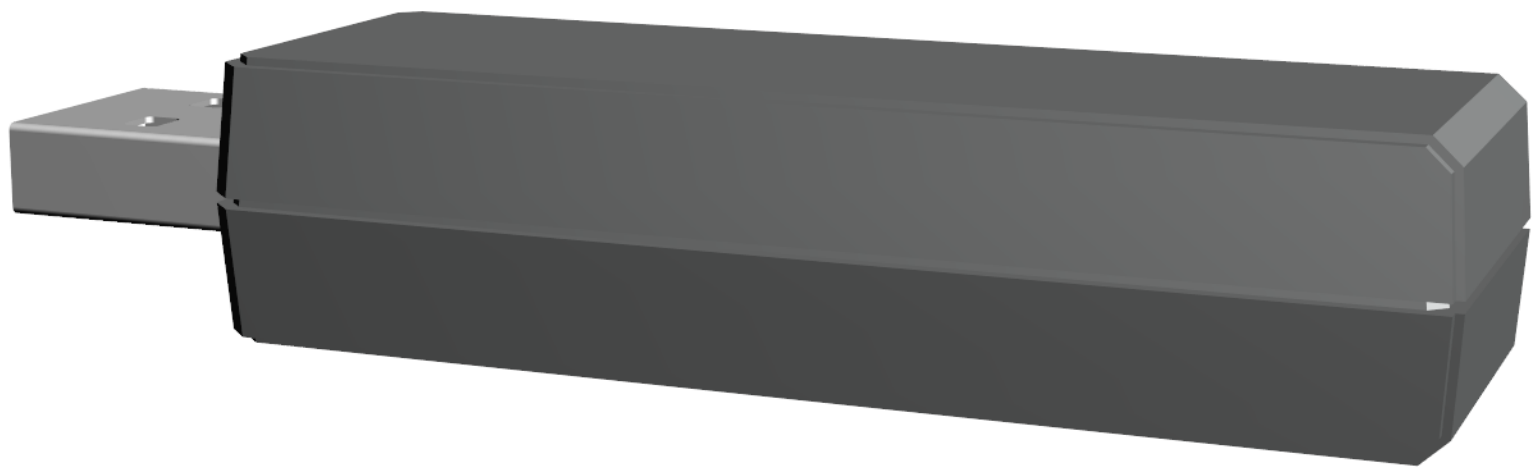
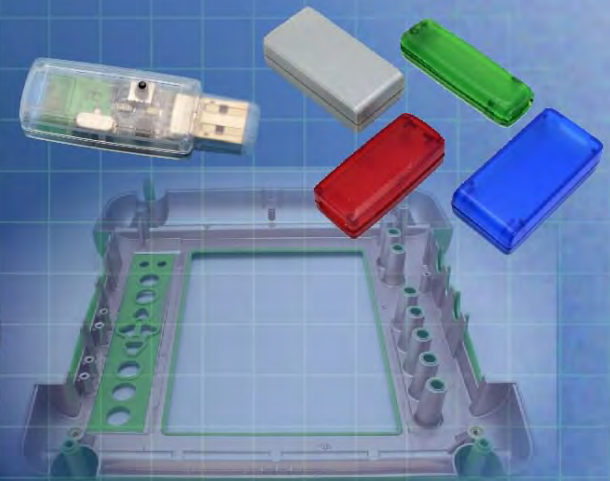
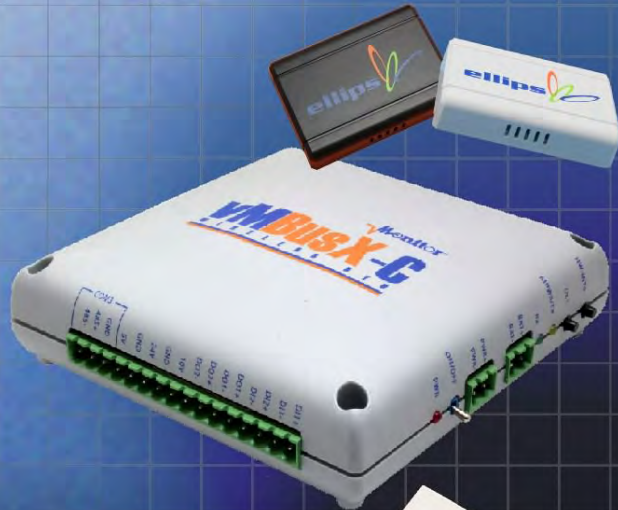




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NOTES: UNLESS OTHERWISE SPECIFIED

1. CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
2. EXTERIOR SURFACE TEXTURE TO BE MT-11007.
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. THIS ENCLOSURE IS A PRESS FIT ASSEMBLY. FOR PERMANENT CLOSURE: A DROP OF ADHESIVE OR ULTRASONIC WELDING IS REQUIRED.
8. MATERIAL / COLOR: ABS PLASTIC IS STANDARD IN BLACK OR WHITE. CUSTOM MATERIALS AND COLORS ARE AVAILABLE UPON REQUEST FOR QUOTE.
9. PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF IT'S FIT ARE THE SOLE RESPONSIBILITY OF OEM.



SCALE 1.250

220705(x) CONFIGURATIONS

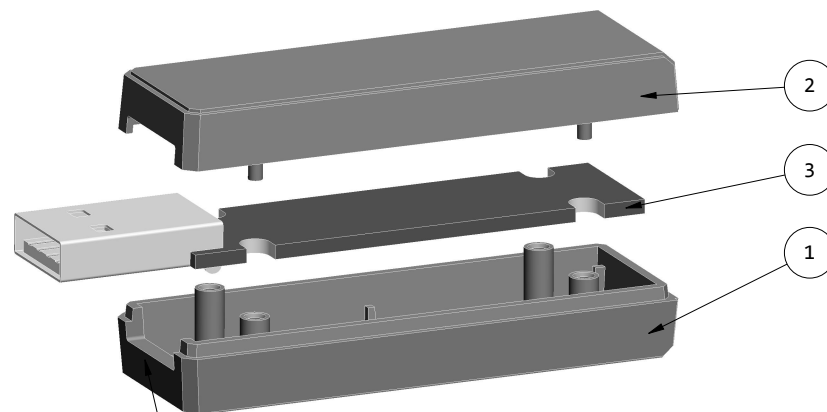
	-S	-U
220705 COVER	1	
220705 COVER w/ TYPE "A" USB OPENING		1
220705 BASE	1	
220705 BASE w/ TYPE "A" USB OPENING		1

ITEM	FILE NAME	DESCRIPTION	MATERIAL	COLOR	QTY.
3	220705_PCB	220705 PCB - REFERENCE	.062" THICK	CUSTOMER SUPPLIED	1
2	220705_COVER	220705X COVER - STANDARD	ABS	BLACK or WHITE	1
1	220705_BASE	220705X BASE - STANDARD	ABS	BLACK or WHITE	1

BILL OF MATERIALS

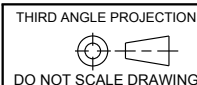
R E V I S I O N

REV.	DRAWN BY	ECO No	DESCRIPTION	DATE	APPROVED
A	M BOYER	DR XXX	PRELIMINARY RELEASE	2010-Apr-21	D.C.
B	M BOYER		REDESIGN TO SQUARE UTILITY SHAPE	2010-Apr-27	D.C.
C	M BOYER		MORE SQUARE	2010-Apr-29	D.C.
D	M BOYER		ROUNDED EDGES TO CHAMFERS WITH DECORATIVE LIP	2011-Jan-15	D.C.
E	M BOYER		CHANGES PER MEETING 17-Jan-11	2011-Jan-18	D.C.
F	M BOYER		CHANGE PCB POSTS TO $\varnothing .047$ FROM $\varnothing .062$	2011-Jan-20	D.C.
G	M BOYER		ADD USB COVER NOTE	2011-Jan-26	D.C.
H	M BOYER		CHANGLE PART NO FROM 220805 TO 220705	2011-Jun-07	D.C.
I	M BOYER		UPDATE TITLE BLOCK	2011-Jun-22	D.C.
1.0	M BOYER		RELEASED TO MFG BY CUSTOMER	2011-Jun-22	D.C.
2.0	M BOYER	1813	REVISE TEXTURE	2013-Apr-05	J.T.
3.0	M BOYER	00815	REVISE TEXTURE	2015-Feb-13	J.T.
4.0	M BOYER	04916	UPDATE TO AS BUILT AND REMOVE CAP REFERENCE	2016-Nov-09	



MOLDED USB OPENING
(OPTIONAL)

EXPLODED VIEW: 220705-U
SCALE 1.250



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: 220705

APPROVAL BY DATE

CHECK ENG.

SCALE AS NOTED

DRAWN BY M BOYER 2010-Apr-21

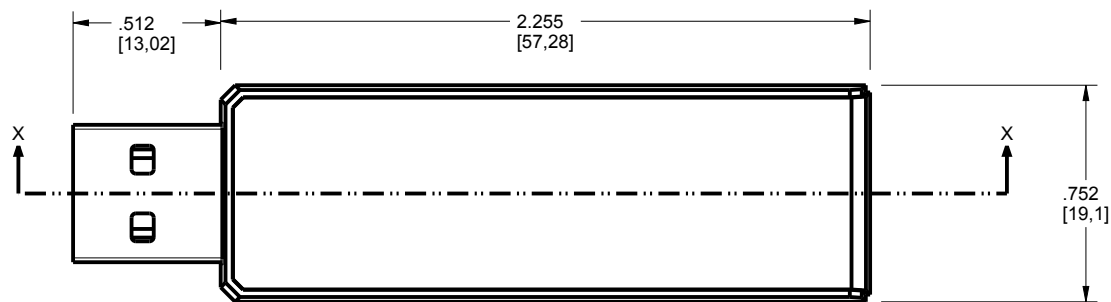
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USB DONGLE - STANDARD
PXX-220705X-XXX

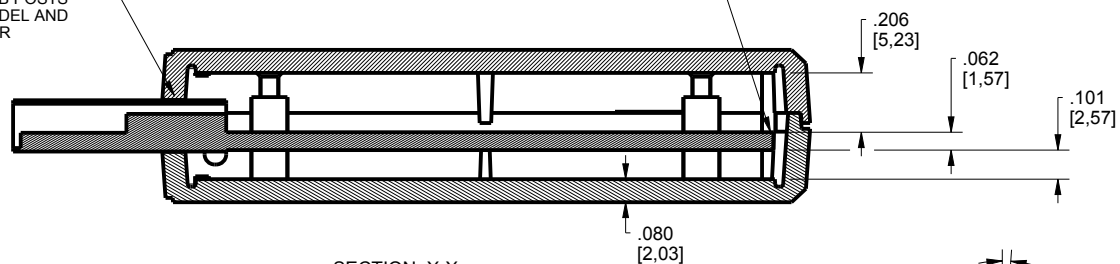
SIZE A DRAWING NAME 220705_R4_0 SHEET 1 OF 6 REV.DOC 4.0



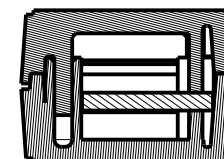
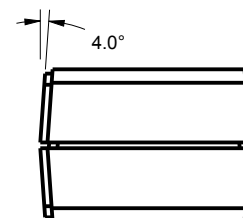
SCALE 1.500

THE FRONT OF THE PCB IS SUPPORTED BY CAPTURING THE USB CONNECTOR. WHEN ORDERING A 220705-S ENCLOSURE WITHOUT A PROTRUDING CONNECTOR THE DESIGNER SHOULD DISCUSS MOLDING ALTERNATE FRONT PCB POSTS FOR SUPPORT. SEE 3-D CAD MODEL AND ASK YOUR SALES REP FOR A QUOTE.

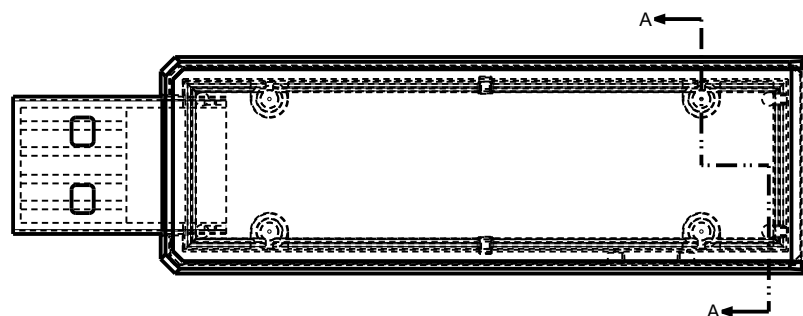
THIS ENCLOSURE CAN ACCOMMODATE VARIOUS PCB THICKNESSES BY ADJUSTING THE MOLDED LENGTH OF TWO REAR POSTS. THE STANDARD PCB THICKNESS IS 0.062" ASK YOUR SALES REP FOR QUOTE.



SECTION X-X



SECTION A-A



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: 220705

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	

DRAWN BY	2010-Apr-21
M BOYER	

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USB DONGLE - STANDARD
PXX-220705X-XXX

SIZE	DRAWING NAME	SHEET	REV.DOC
A	220705_R4_0	2 OF 6	4.0

Technical drawing of a rectangular plate. The drawing shows a top view of the plate, which is a rectangle with rounded corners. The dimensions are indicated by dimension lines and text:

- Length: 2.255 [57,28]
- Width: (.67) [16,9]
- Overall Width: .752 [19,1]

(.67)	.752
[16,9]	[19,1]

.025
[0,63]

.015
[0,38]

 $Y_{\bullet}$
$$\begin{bmatrix} .047 \\ [1,19] \end{bmatrix}$$

4.0°
TYP.

.035
[0,89]

SECTION Y-Y

– .487
[12,37]

1

- .010 ADJUSTABLE POSTS
[0,25]
FOR PCB CAPTURE
(ASK FOR QUOTE)

.080 TYP. WALL THICKNESS
[2,03]

— .067 ±.002 ADJUSTABLE POSTS
[1,7]
FOR PCB CAPTURE
(ASK FOR QUOTE)

SECTION G-G

NO DRAFT

1.128
[28,64]

.984 2x
[24,99]

.750 2x
[19,05]

10000

.750 2x
[19,05]

.984 2x
[24,99]

1.128
[28,64]

.376
[9,55]

.230 2x
[5,84]

.230
[5,84]

Ø .047
[1,19]

Ø .062
[1,57]

Ø .047
[1 19]

.376
[9,55]

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:	220705
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APPROVAL	BY	DATE
----------	----	------

APPROVAL	BY	DATE
CHECK		

ENG.	
------	--

SCALE	AS NOTED
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2. DONGLE STANDARDS

USB DONGLE - STANDARD
PXX-220705X-XXX

SIZE	A
------	---

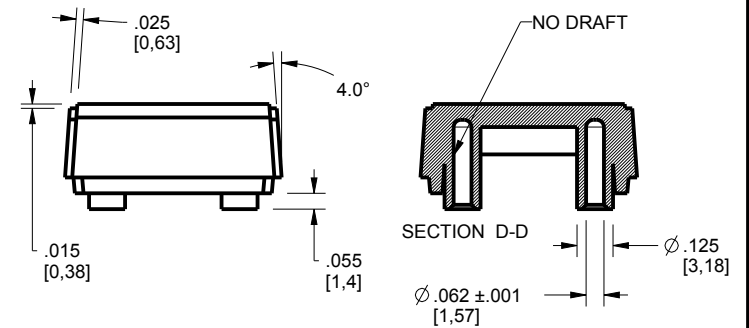
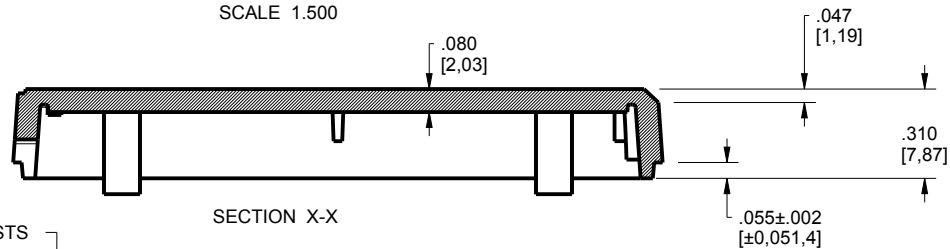
	DRAWING NAME
A	220705_R4_0

SHEET
3

REV.DOC
4.0

Technical drawing of a rectangular plate. The drawing includes the following dimensions and features:

- Top horizontal dimension: 2.255 [57,28]
- Left vertical dimension: .050 [1,27]
- Right vertical dimension: .752 [19,1]
- Bottom horizontal dimension: .047
- Scale: SCALE 1.500
- Reference points: X and J are marked on the left and right sides of the plate.



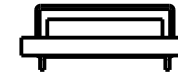
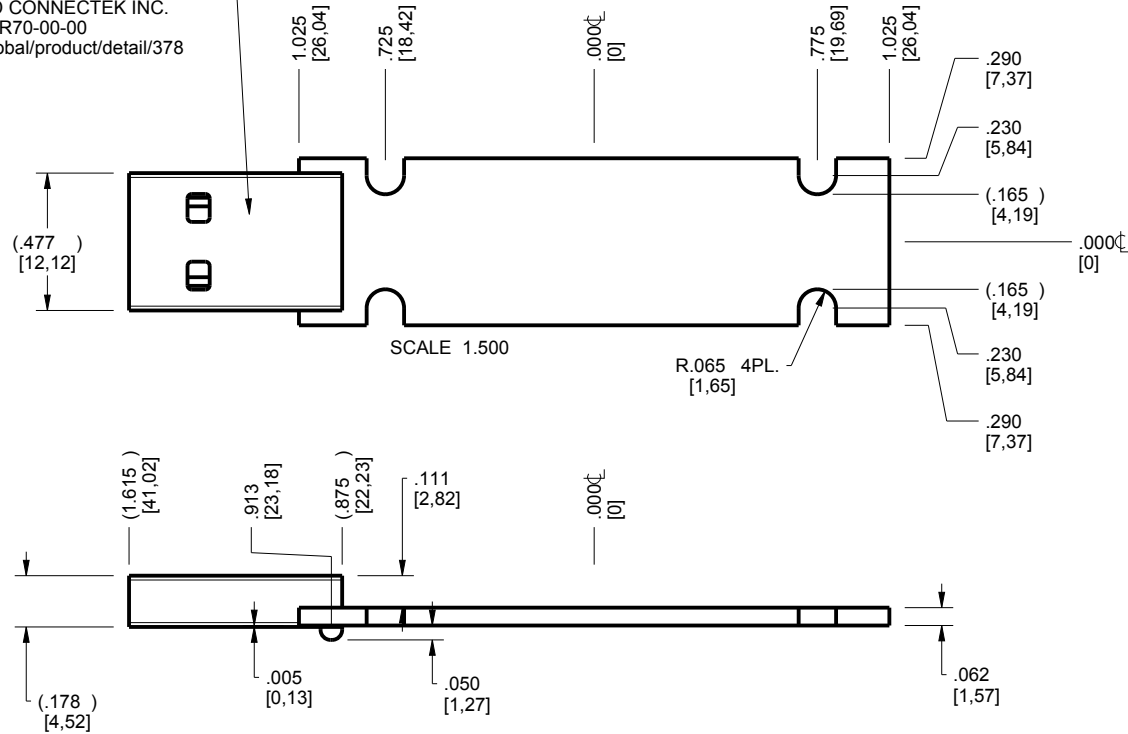
TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES. X.XX = .015 X.XXXX = .001 X.XXX = .010 X.X" = 1"		NEW AGE ENCLOSURES 4330 Santa Fe Road San Luis Obispo, CA. 93401 ph. (805) 595-1310 fax (805) 595-1024 <i>www.newageenclosures.com</i>		
Customer's Part No: 220705		USB DONGLE - STANDARD PXX-220705X-XXX		
APPROVAL	BY			DATE
CHECK				
ENG.				
SCALE	AS NOTED			
DRAWN BY M BOYER 2010-Apr-21		SIZE A 220705_R4_0	SHEET 4 OF 6 4.0	

220705 PCB

CUSTOMER SUPPLIED

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

SUGGESTED TYPE A USB PLUG CONNECTOR
ACON, ADVANCED CONNECTEK INC.
PN. C-UAR70-00-00
www.acon.com/en-global/product/detail/378



TOLERANCES- UNLESS OTHERWISE SPECIFIED
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X.XX = .015 X.XXXX = .001
X.XXX = .010 X.X" = 1"

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Customer's Part No: 220705

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	

DRAWN BY	2010-Apr-21
M BOYER	

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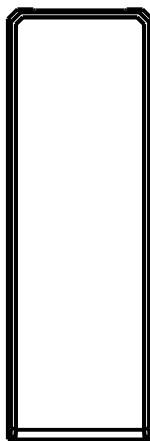
USB DONGLE - STANDARD
PXX-220705X-XXX

SIZE	DRAWING NAME	SHEET	REV.DOC
A	220705_R4_0	5 OF 6	4.0

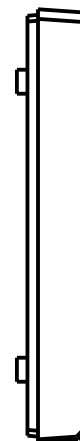
2nd OPERATION DETAILS

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

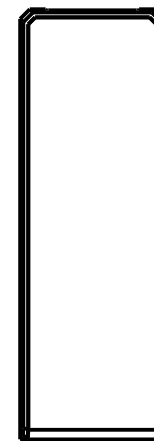
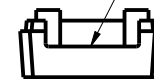
MOLDED USB
OPENING



220705 COVER
SCALE 1.000



MOLDED USB
OPENING



220705 BASE
SCALE 1.000



PXX-220705X-XXX COVER - ABS, BLACK

STEP NO	DESCRIPTION	CUTTER	FIXTURE	ORIENTATION	PROGRAM
1-C-C2	-	T2 = .062" EM	229	COVER AND BASE	o1000
2-C-C2	-	T2 = .062" EM	229	COVER AND BASE	o1001

PXX-220705X-XXX BASE - ABS, BLACK

STEP NO	DESCRIPTION	CUTTER	FIXTURE	ORIENTATION	PROGRAM
3-B-C1	-	T2 = .062" EM	229	COVER AND BASE	o1000
4-B-C2	-	T2 = .062" EM	229	COVER AND BASE	o1001

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: 220705

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	
DRAWN BY	2010-Apr-21	
M BOYER		

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**USB DONGLE - STANDARD
PXX-220705X-XXX**

SIZE	DRAWING NAME	SHEET	REV.DOC
A	220705_R4_0	6 OF 6	4.0

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