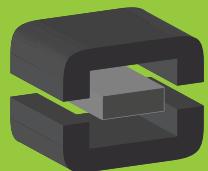




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CNC CUTOUTS
PART DECORATING
CUSTOM COLOR AND MATERIAL
RF/EMI SHEILDING
CUSTOM TOOL INSERTS
CUSTOM ENCLOSURES AND DESIGN



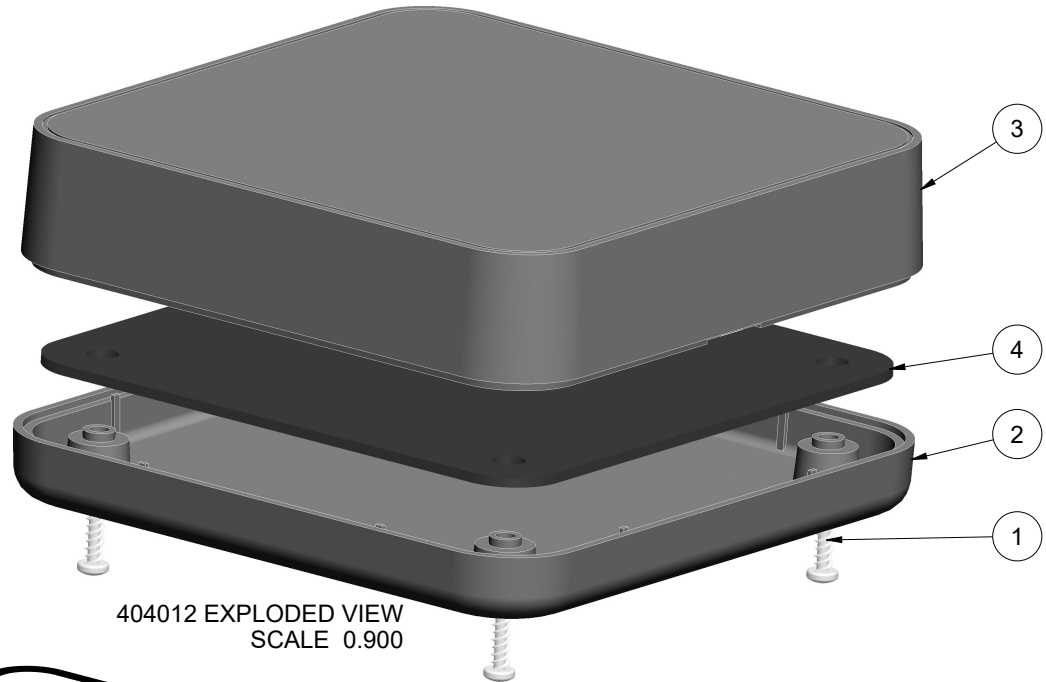
NEW AGE
ENCLOSURES
DEVELOP THE FUTURE



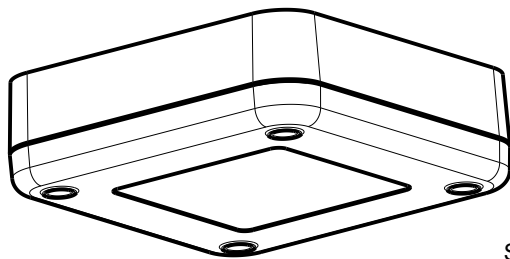
NOTES: UNLESS OTHERWISE SPECIFIED

1. CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
2. EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH. EQUIVALENT TO MT-11010.
3. INTERIOR SURFACE TEXTURE TO BE: NONE.
4. ALL INSIDE RADII .010R. 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. MATERIAL / COLOR: ABS PLASTIC IS STANDARD IN BLACK OR WHITE. CUSTOM MATERIALS AND COLORS ARE AVAILABLE UPON REQUEST FOR QUOTE. ALTERNATE RESINS HAVE DIFFERENT SHRINK RATES, AND WILL EFFECT DIMENSIONS.
8. PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF ITS FIT ARE THE SOLE RESPONSIBILITY OF EACH CUSTOMER.
9. ASSEMBLY SCREWS FOR THE ENCLOSURE INCLUDED.
10. THIS DRAWING IS BASED ON A SOLID MODEL, AND IS FURTHER DEFINED BY THE SOLID MODEL FILE.
11. ALLOWABLE FLASH: 0.015 MAX.
12. ALL EJECTOR PIN MARKS TO BE WITHIN 0.015" OF FLUSH, PROTRUDING OR BELOW FLUSH.
13. TRIM GATE WITHIN 0.030" OF FLUSH.

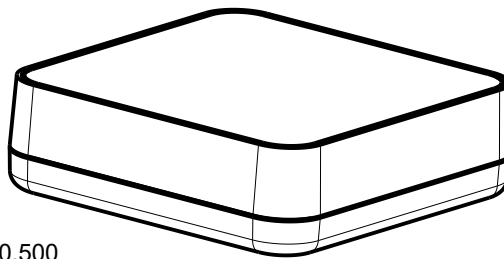
R E V I S I O N					
REV.	DRAWN BY	ECO No	DESCRIPTION	DATE	APPROVE
A	M BOYER	JUSTIN	PRELIMINARY RELEASE	2019-Jan-21	D.C.
B	M BOYER		REVISE TEXTURE	2019-Jan-29	D.C.
C	M BOYER		REVISE PER DESIGN FEEDBACK	2019-Feb-26	D.C.
1.0	M BOYER		UPDATE MODEL TO AS-BUILT AND RELEASE	2019-Aug-08	



404012 EXPLODED VIEW
SCALE 0.900

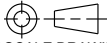


SCALE 0.500



4	404012-PCB_062	404012 PCB - REFERENCE	.062" THICK	CUSTOMER SUPPLIED	1
3	404012-COVER	404012 COVER - STANDARD	ABS	BLACK or WHITE	1
2	404012-BASE	404012 BASE - STANDARD	ABS	BLACK or WHITE	1
1	SCREW_HILO-N04X375	#4 HiLo x .375" SCREW	ZINK PLATED	3/8" LONG	4
ITEM	FILE NAME	DESCRIPTION	MATERIAL	COLOR	QTY.

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"		NEW AGE ENCLOSURES 2240 South Thornburg Street Santa Maria, CA. 93455 ph. (805) 595-1310 fax (805) 595-1024 www.newageenclosures.com	
Customer's Part No: 404012		APPROVAL		BY DATE	
CHECK		ENG.		SCALE	
SCALE		AS NOTED		DRAWN BY	
M BOYER		2019-Jan-21		SIZE	
A		404012_CUBE_R1_0		DRAWING NAME	
1 OF 6		SHEET		REV.DOC	
1.0		1.0		1.0	

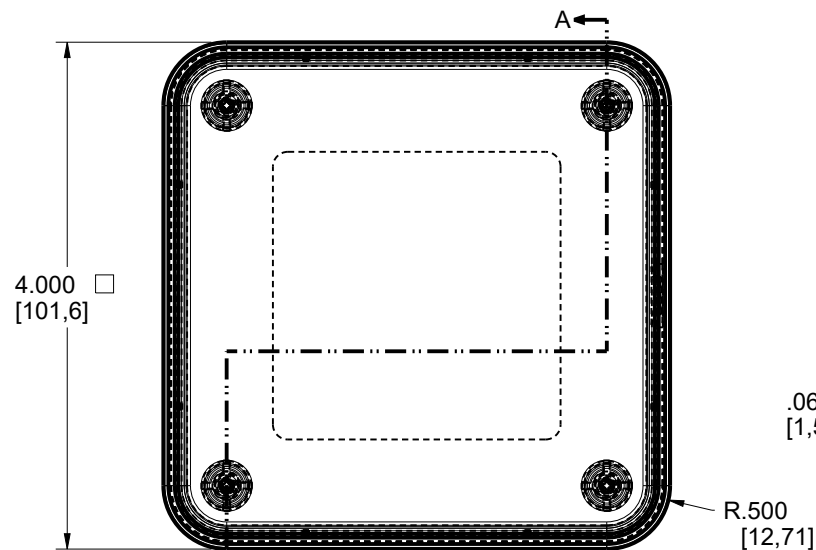
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SENSOR CUBE - STANDARD
SXX-404012-XXX

SIZE A DRAWING NAME 404012_CUBE_R1_0 SHEET 1 OF 6 REV.DOC 1.0

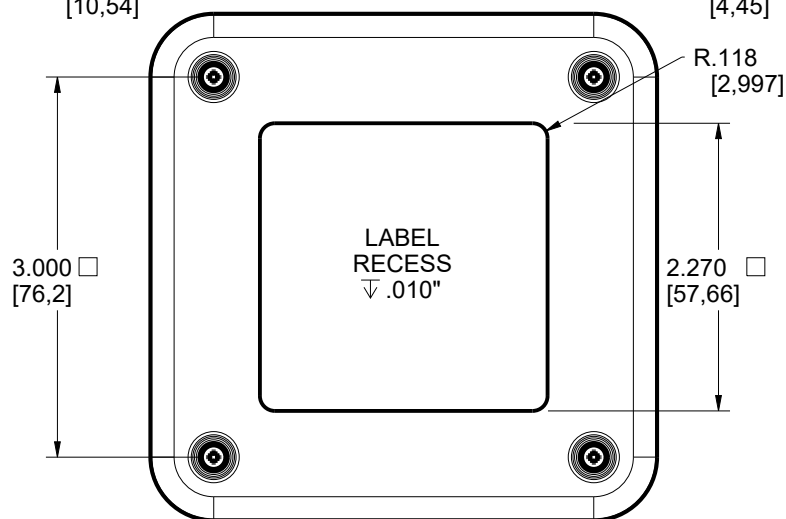
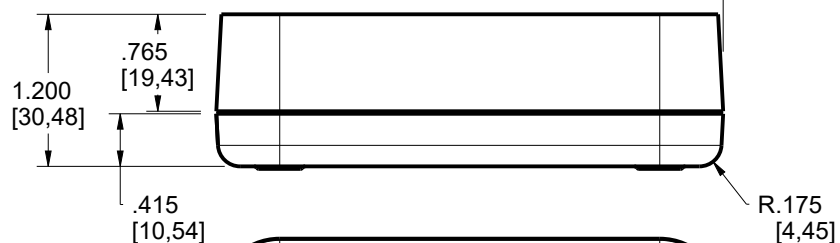
404012 ASSEMBLY



SCALE 0.660

R.500
[12,71]

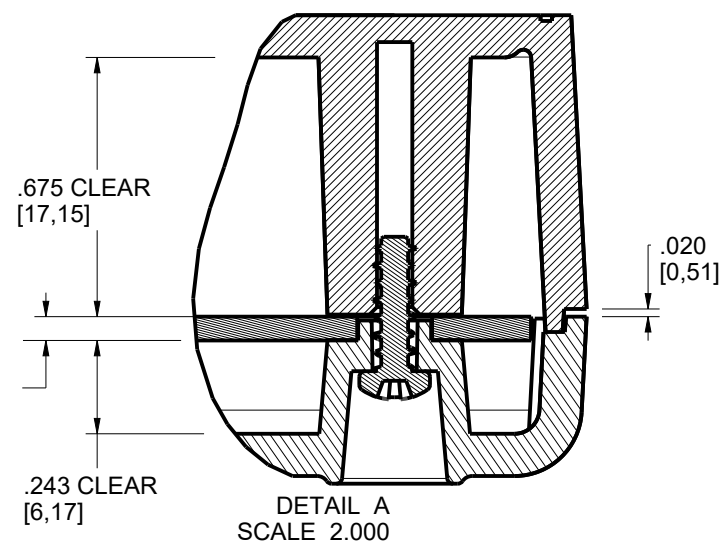
3.0° DRAFT TYP.



LABEL
RECESS
▽ .010"

2.270 □
[57,66]

R.118
[2,997]



SECTION A-A

SEE DETAIL 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: 404012

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	

DRAWN BY	2019-Jan-21
M BOYER	

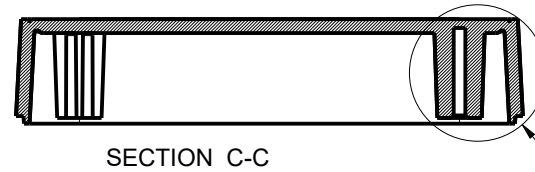
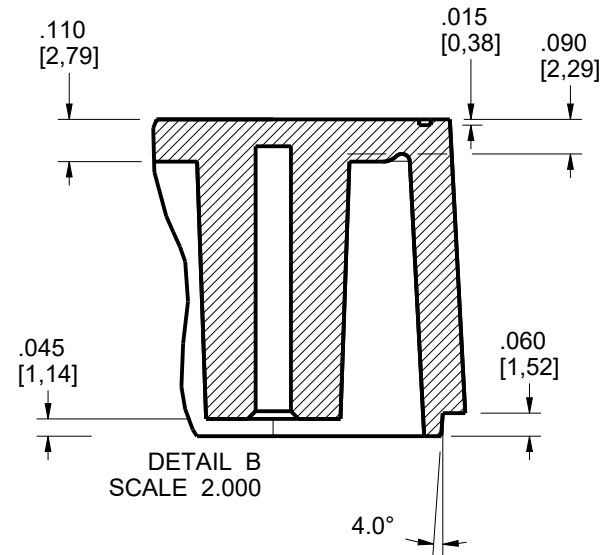
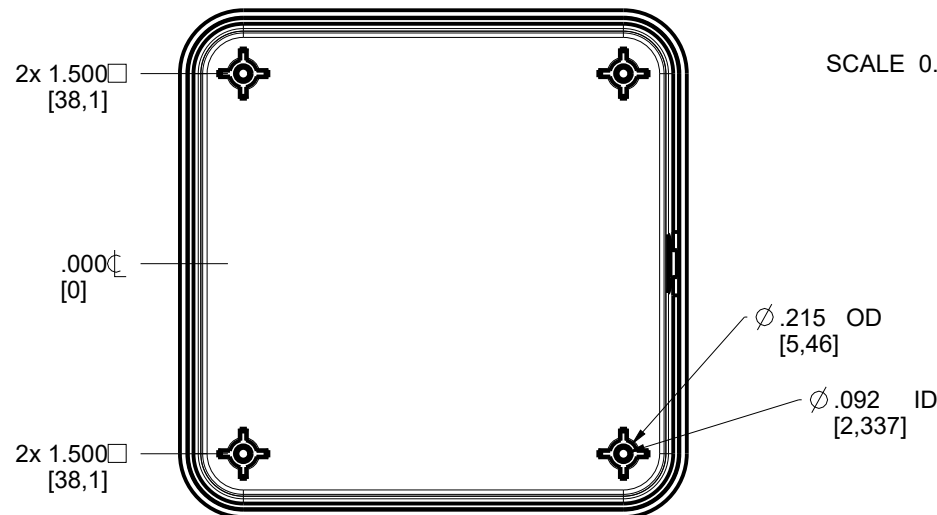
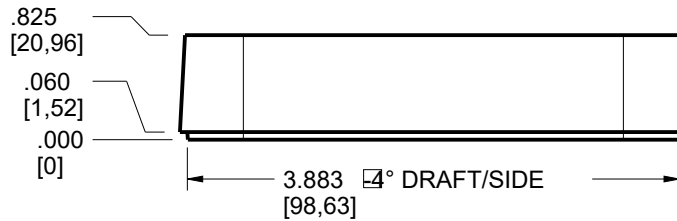
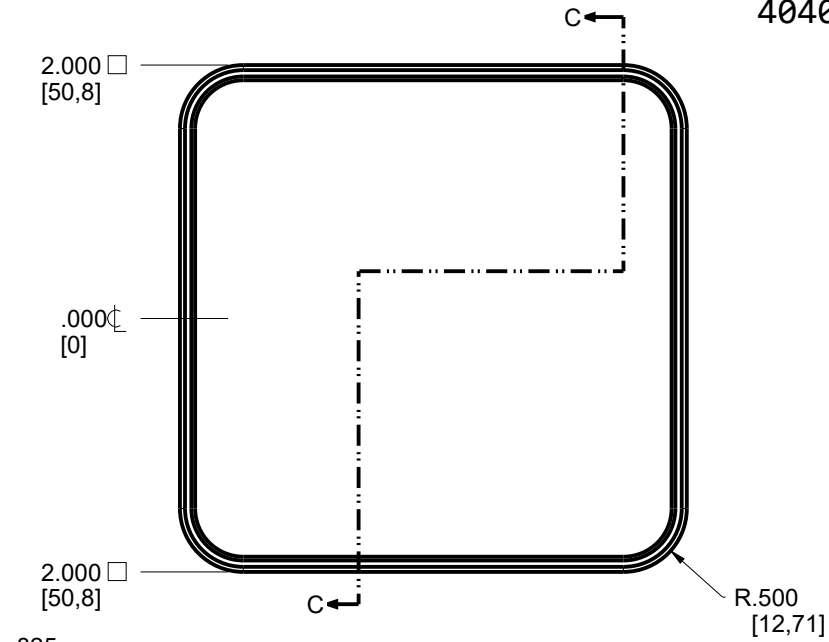
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SENSOR CUBE - STANDARD
SXX-404012-XXX

SIZE	DRAWING NAME	SHEET	REV.DOC
A	404012_CUBE_R1_0	2 OF 6	1.0

404012 COVER

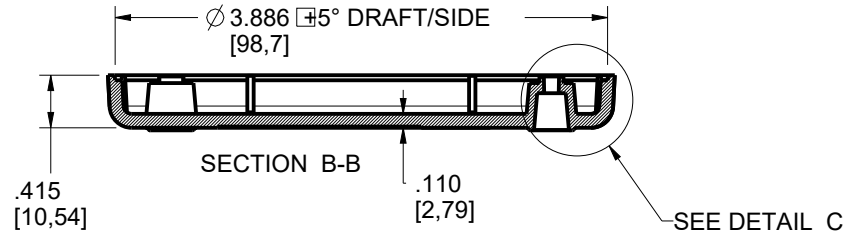
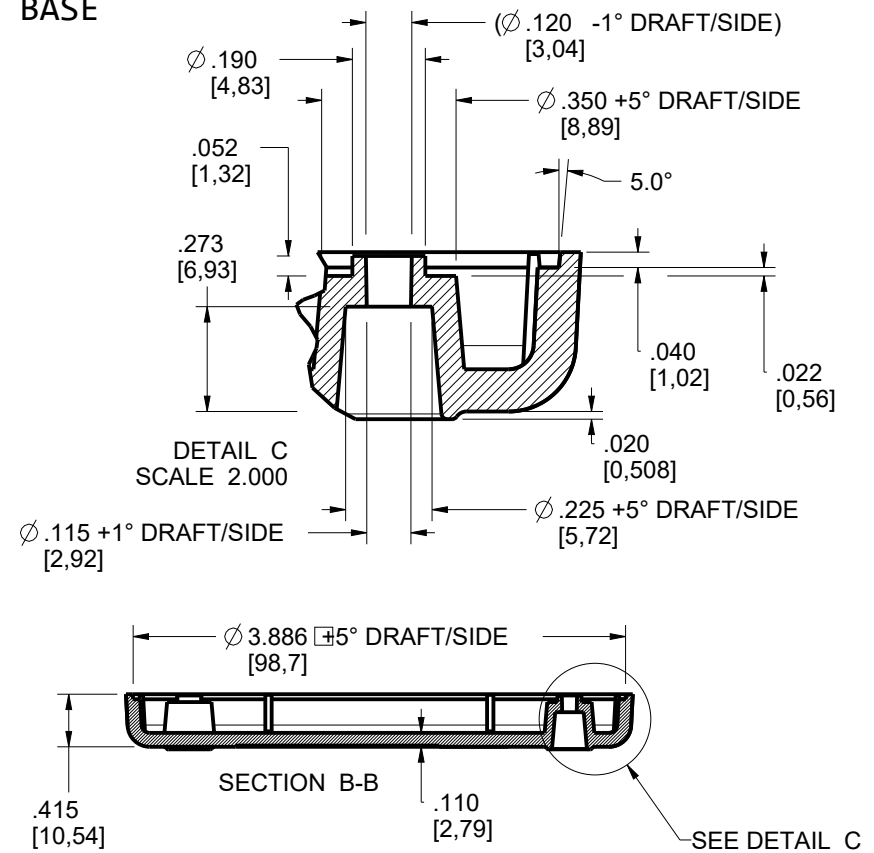
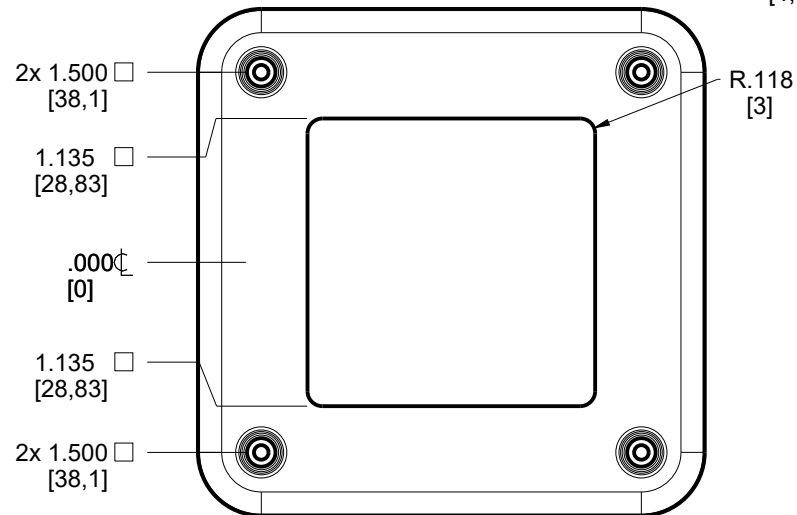
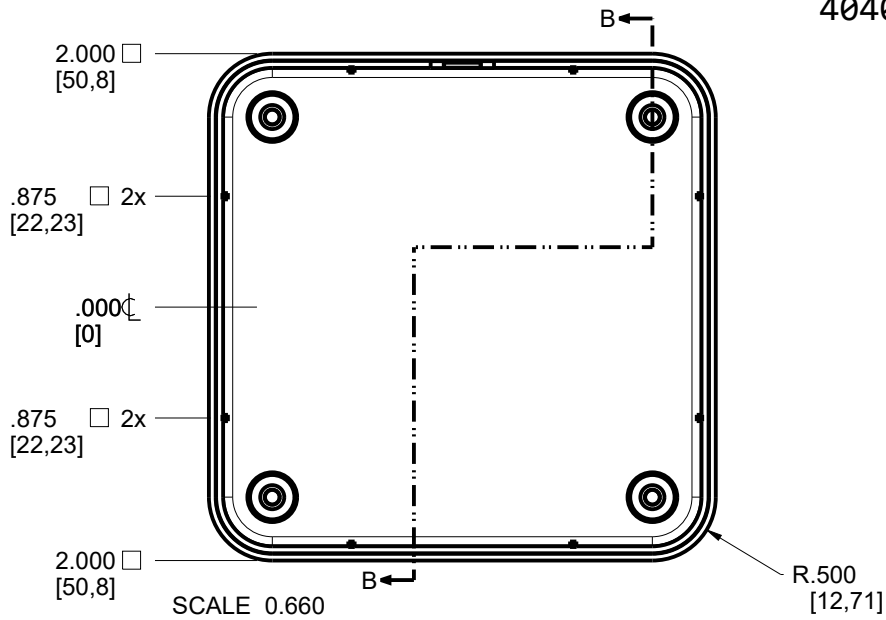


SCALE 0.660

SEE DETAIL B

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	
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Customer's Part No: 404012				SENSOR CUBE - STANDARD SXX-404012-XXX	
APPROVAL	BY	DATE		SIZE	REV.DOC
CHECK				A	1.0
ENG.					
SCALE	AS NOTED				
DRAWN BY	2019-Jan-21			DRAWING NAME	SHEET
M BOYER				404012_CUBE_R1_0	3 OF 6

404012 BASE

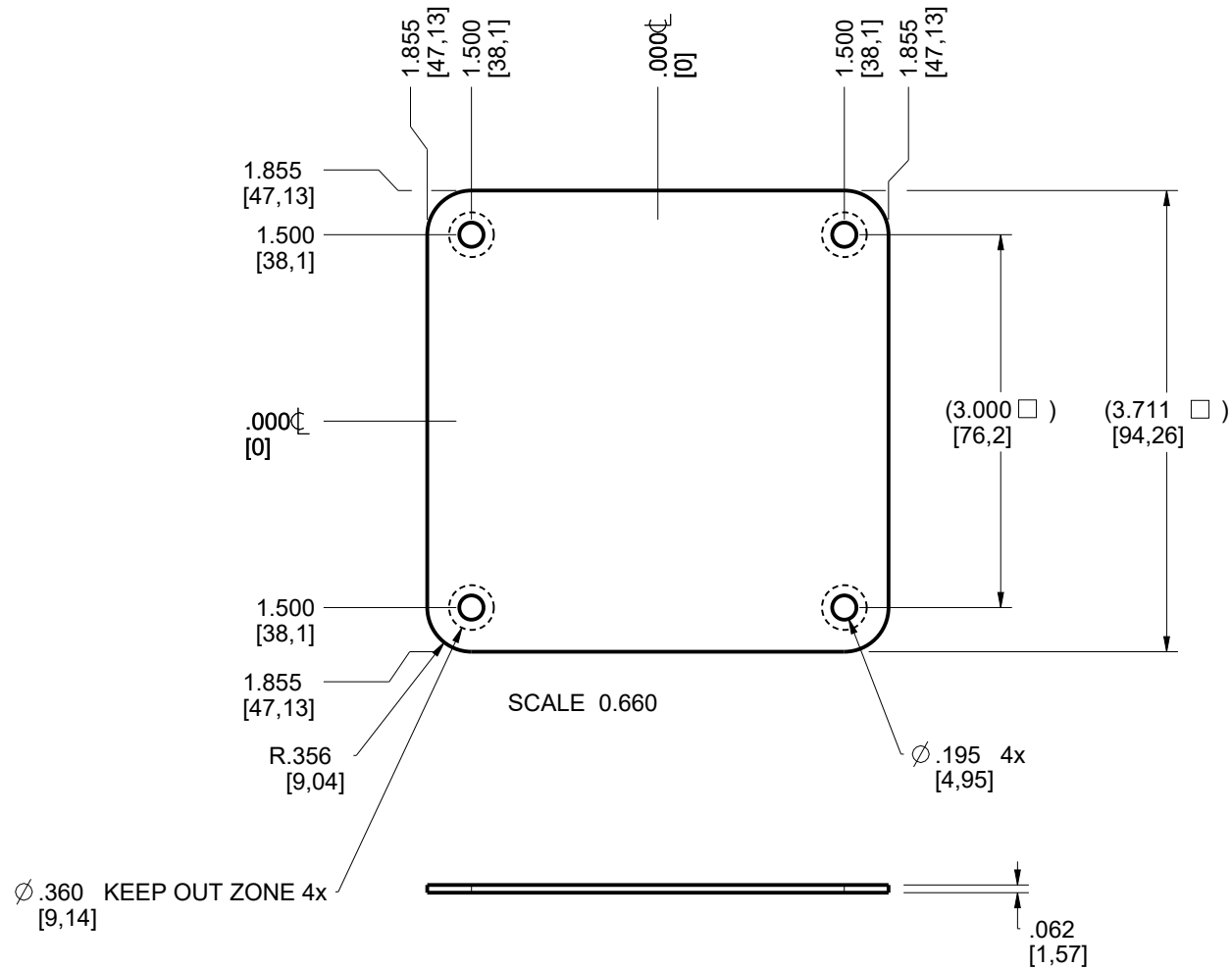


TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES.		
X.XX = .015 X.XXXX = .001		
X.XXX = .010 X.X° = 1°		
NEW AGE ENCLOSURES		
Customer's Part No: 404012		
APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	
DRAWN BY	2019-Jan-21	
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SENSOR CUBE - STANDARD		
SXX-404012-XXX		
SIZE	DRAWING NAME	SHEET
A	404012_CUBE_R1_0	4 OF 6
		REV.DOC
		1.0

404012 PCB .062" - CUSTOMER SUPPLIED

PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL
SIZES AND VERIFICATION OF ITS 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°

NEW AGE ENCLOSURES

Customer's Part No: 404012

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	

DRAWN BY	2019-Jan-21
M BOYER	

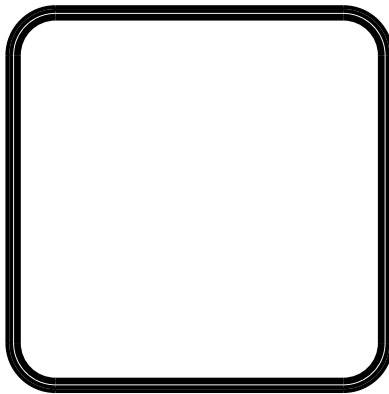
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SENSOR CUBE - STANDARD
SXX-404012-XXX

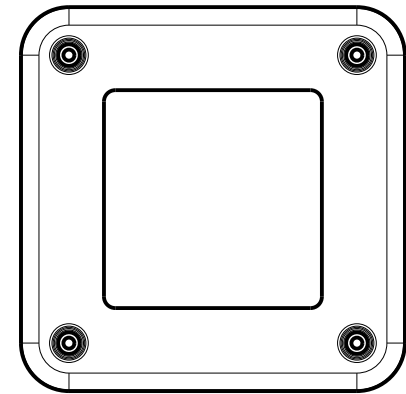
SIZE	DRAWING NAME	SHEET	REV.DOC
A	404012_CUBE_R1_0	5 OF 6	1.0

404012 - 2nd OPERATION DETAILS

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



404012 COVER
SCALE 0.500



404012 BASE
SCALE 0.500



SXX-404012-XXX COVER - ABS, BLACK						NEW AGE ENCLOSURES 2240 South Thornburg Street Santa Maria, CA. 93455 ph. (805) 595-1310 fax (805) 595-1024 www.newageenclosures.com		SENSOR CUBE - STANDARD SXX-404012-XXX	
STEP NO	DESCRIPTION	CUTTER	FIXTURE	ORIENTATION	PROGRAM				
1-C-C1	-	T2 = .062" EM	-		o3201				
2-C-C2	-	T2 = .062" EM	-		o3202				
SXX-404012-XXX COVER - ABS, BLACK						TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES. X.XX = .015 X.XXXX = .001 X.XXX = .010 X.X° = 1°		APPROVAL BY DATE	
STEP NO	DESCRIPTION	INK COLOR	CLICHE DESCRIPTION		CLICHE No.	CHECK ENG. SCALE AS NOTED		DRAWN BY M BOYER 2019-Jan-21	
3-C-P1	PAD PRINT				CLXXXX R1	SIZE A DRAWING NAME 404012_CUBE_R1_0		SHEET 6 OF 6 REV.DOC 1.0	

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