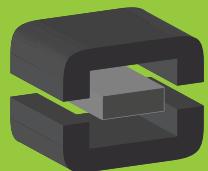




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**CUSTOM ENCLOSURES AND DESIGN**



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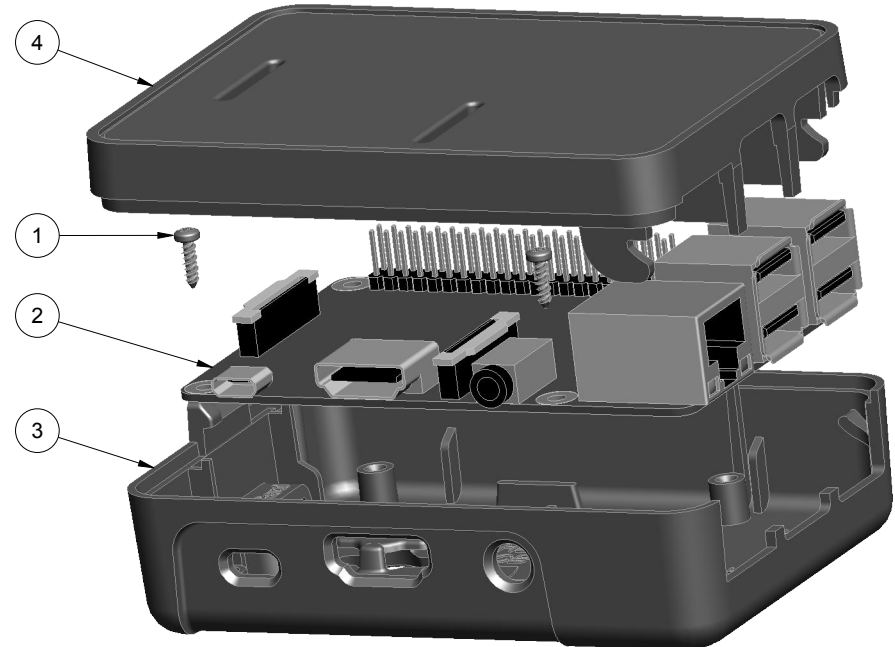
NOTES: UNLESS OTHERWISE SPECIFIED

1. CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
2. EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH. EQUIVALENT TO MT-11020. TEXTURE ON ENCLOSURE WILL VARY FROM TIME TO TIME AS THE TOOL WEARS AND IT BECOMES NECESSARY TO REAPPLY.
3. INTERIOR SURFACE TEXTURE TO BE: B3
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. ONE DEGREE DRAFT IN THE DIRECTION OF PULL IS PERMISSIBLE UNLESS OTHERWISE SPECIFIED.
7. MATERIAL / COLOR: SEE OPTIONS TABLE FOR STANDARD MATERIAL AND COLOR OPTIONS. 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. THIS DRAWING IS BASED ON A SOLID MODEL, AND IS FURTHER DEFINED BY THE SOLID MODEL FILE.
10. ALLOWABLE FLASH: 0.010 MAX.
11. ALL EJECTOR PIN MARKS TO BE WITHIN 0.010" OF FLUSH, PROTRUDING OR BELOW FLUSH.
12. TRIM GATE WITHIN 0.030" OF FLUSH.
13. REFERENCE THE PRODUCT SPEC AND SERVICE GUIDE.




SCALE 0.900

R E V I S I O N					
REV.	DRAWN BY	ECO No	DESCRIPTION	DATE	APPROVE
A	M BOYER	DR1622	PRELIMINARY RELEASE	2017-Oct-11	D.C.
B	M BOYER		REVISE SHAPE AND SIZE	2017-Nov-15	D.C.
C	M BOYER		UPDATE MATERIAL TREE AND TEXTURE INFO	2018-Feb-16	D.C.
D	R CRUZ		UPDATE NOTES, UPDATE OPTIONS TABLE	2018-Apr-23	D.C.
1.0	M BOYER	00519	UPDATE TO AS-BUILT AND REVISE NOTES	2019-Feb-07	D.C.
2.0	R CRUZ	02719	UPDATE TO AS-BUILT FOR NEW DIMENSIONS	2019-Oct-01	



SCALE 0.900

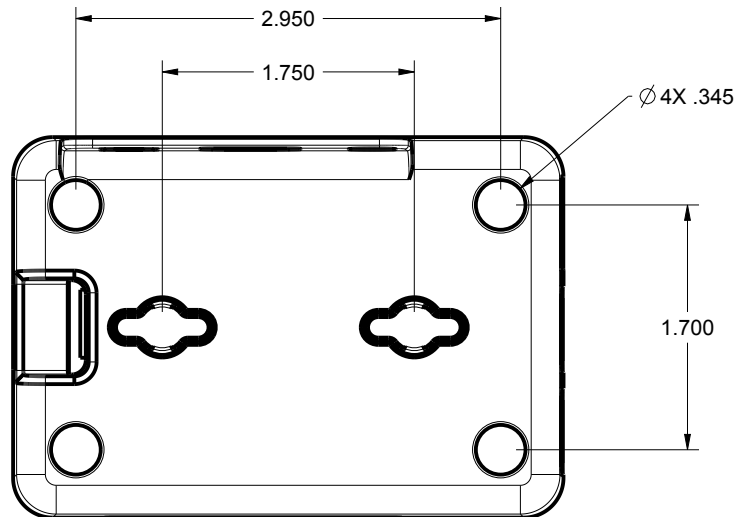
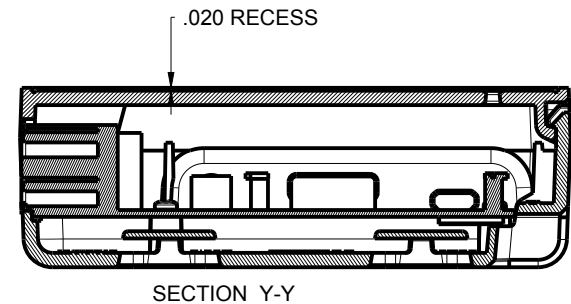
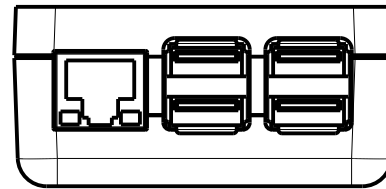
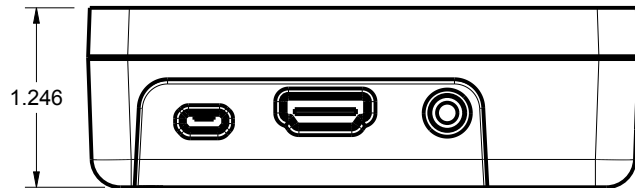
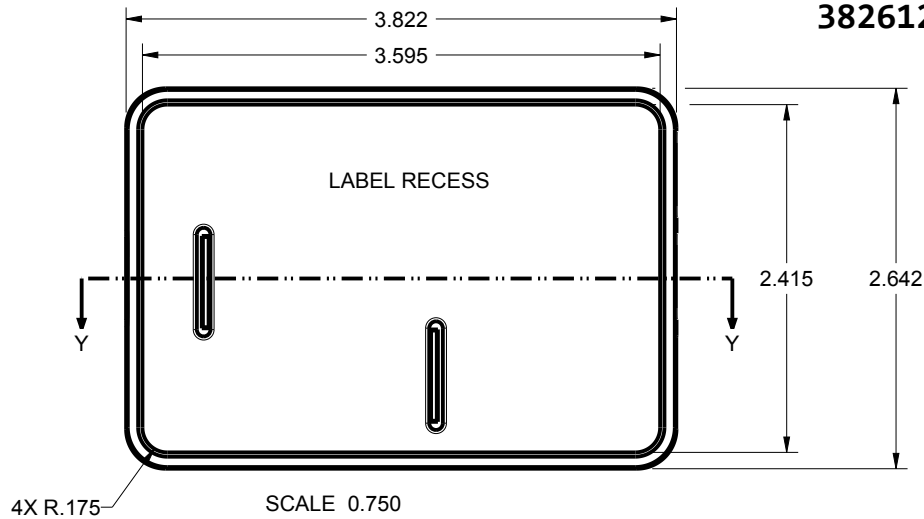
PXX-382612 OPTIONS	
MATERIAL, COLOR	PREFIX
ABS, WHITE	P1A-
ABS, BLACK	P3A-
POLYCARBONATE, CLEAR	P0P-
POLYCARBONATE, SEMI-TRANSLUCENT DARK RED	P2P-
POLYCARBONATE, SEMI-TRANSLUCENT SMOKE GRAY	P4P-
POLYCARBONATE, SEMI-TRANSLUCENT BLUE	P7P-

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> 2240 South Thornburg Street   Santa Maria, CA. 93455 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:   382612						
NOTICE: THE INFORMATION AND DATA CONTAINED HEREIN IS CONSIDERED PROPRIETARY TO ALTEC INTEGRATED MFG INC & SHALL REMAIN THE EXCLUSIVE PROPERTY OF ALTEC INTEGRATED MFG INC. THE HOLDER WILL ASSUME CUSTODY AND CONTROL THAT THIS DOCUMENT WILL NOT BE COPIED, REPRODUCED, OR DISCLOSED WITHOUT THE EXPRESS WRITTEN CONSENT OF ALTEC INTEGRATED MFG INC. POSSESSION OF THIS DOCUMENT DOES NOT CONSTITUTE A CLAIM TO MANUFACTURE ANY ITEMS © 2019	APPROVAL	BY	DATE	<b>RASPBERRY Pi 3 ENCLOSURE</b> <b>PXX-382612-XXX</b>			
	CHECK						
	ENG.						
	SCALE	AS NOTED					
	DRAWN BY						
M BOYER	2017-Oct-11			SIZE	DRAWING NAME	SHEET	REV.DOC
				A	382612_R2_0	1 OF 4	2.0

4	382612_COVER	382612 COVER - STANDARD	SEE TREE	SEE TREE	1
3	382612_BASE	382612 BASE - STANDARD	SEE TREE	SEE TREE	1
2	382612_PCB_RASPBERRY_PI3	RASPBERRY Pi 3 MODEL B	.050" THICK	CUSTOMER SUPPLIED	1
1	SCREW_HILO-N02X312	#2 HiLo x .312" SCREW	ZINC PLATED	5/16" LONG	4
ITEM	FILE NAME	DESCRIPTION	MATERIAL	COLOR	QTY.

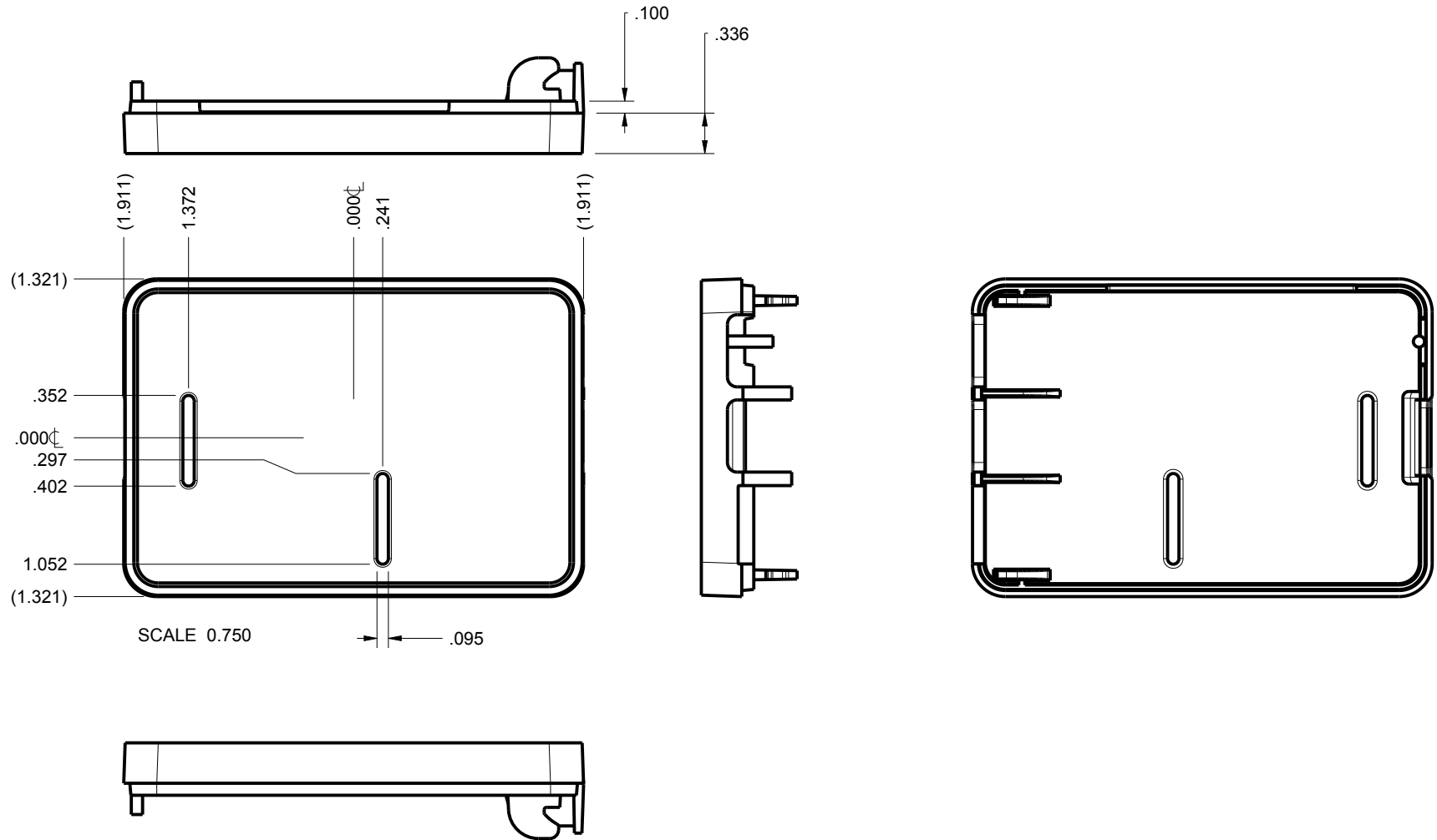
BILL OF MATERIALS

# 382612 ASSEMBLY



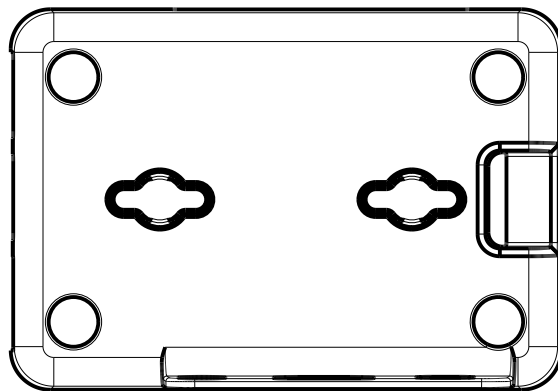
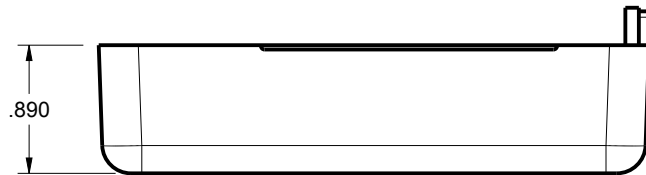
TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES. X.XX = .015 X.XXXX = .001 X.XXX = .010 X.X° = 1°			<div>NEW AGE ENCLOSURES</div> <div>2240 South Thornburg Street Santa Maria, CA. 93455 ph. (805) 595-1310 fax (805) 595-1024 www.newageenclosures.com</div>		
NEW AGE ENCLOSURES					
Customer's Part No: 382612			<div>RASPBERRY Pi 3 ENCLOSURE</div> <div>PXX-382612-XXX</div>		
APPROVAL	BY	DATE			
CHECK					
ENG.					
SCALE	AS NOTED				
DRAWN BY M BOYER 2017-Oct-11			SIZE A 382612_R2_0	SHEET 2 OF 4	REV.DOC 2.0

# 382612 COVER

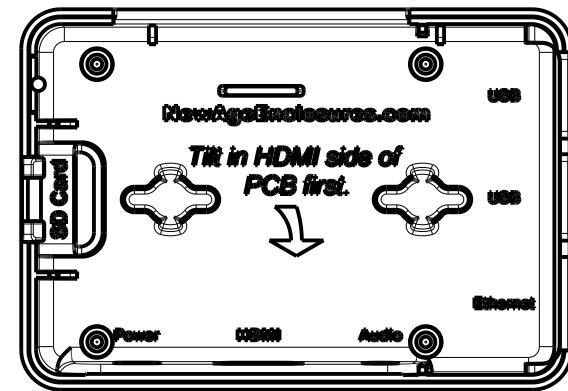
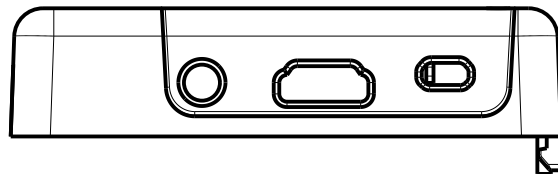
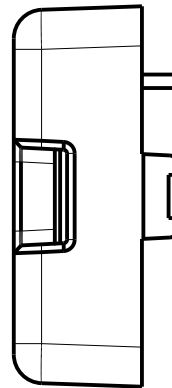


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CHECK			
ENG.			
SCALE	AS NOTED		
DRAWN BY M BOYER	2017-Oct-11	SIZE A	DRAWING NAME 382612_R2_0
		SHEET 3 OF 4	REV.DOC 2.0

# 382612 BASE



SCALE 0.750



TOLERANCES: UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN U.S. INCHES.  
X.XX = .015 X.XXXX = .001  
X.XXX = .010 X.X° = 1°

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Customer's Part No: 382612

APPROVAL BY DATE

CHECK

ENG.

SCALE AS NOTED

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RASPBERRY Pi 3 ENCLOSURE  
PXX-382612-XXX

SIZE A DRAWING NAME 382612\_R2\_0 SHEET 4 OF 4 REV.DOC 2.0

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