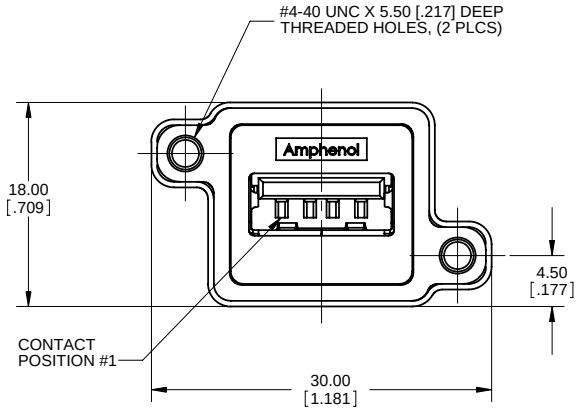
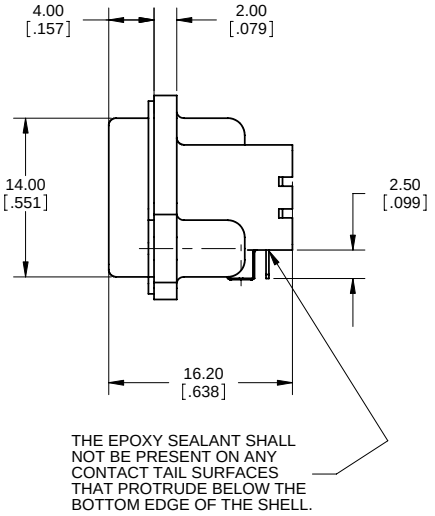
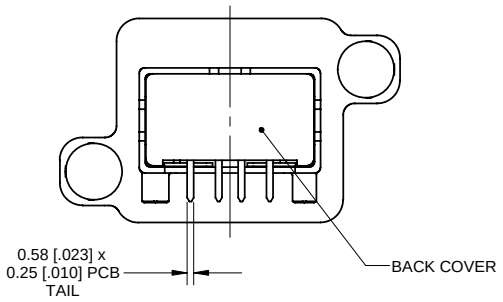
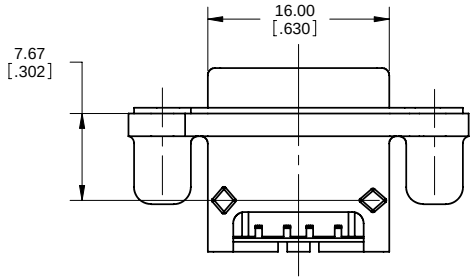
REVISIONS			
REV	DESCRIPTION	DATE	APPRD
A	PROPOSAL (EAR 13438)	DEC18/08	K.L.









ORDERING CODE: MUSB - A111 - 301

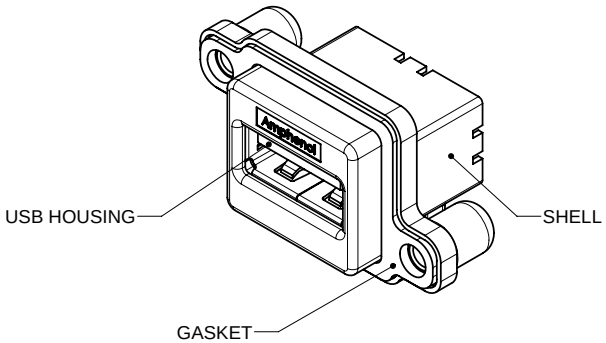
SERIES, RUGGED USB

USB SERIES 'A' RECEPTACLE, SINGLE PORT, RIGHT ANGLE PCB TAIL

THREAD OPTION
3 = #4-40 UNC THREAD

DUST COVER OPTION
0 = NO DUST COVER SUPPLIED

UNIQUE SPECIAL CODE SIGNIFIES TIGHTER CONTROL FOR EPOXY APPLICATION



NOTES:

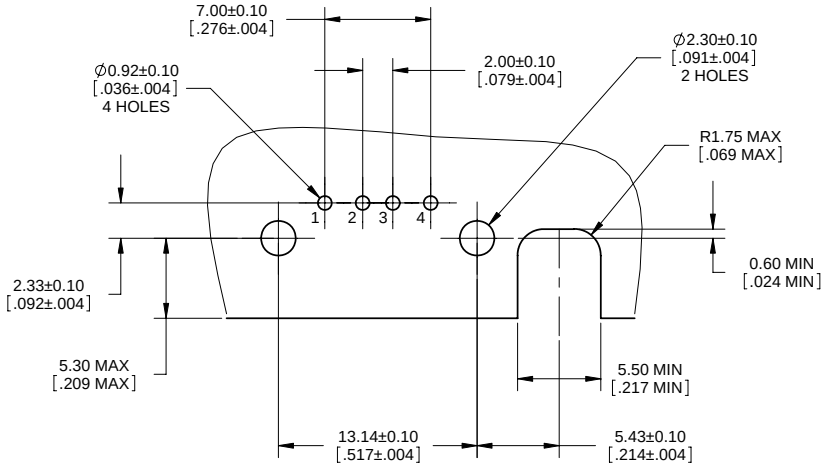
1. 1. MATERIAL:
   - ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC AND AMENDMENTS
   - OUTER SHELL - DIECAST ZINC ALLOY, NICKEL PLATED
   - CONTACTS - PHOSPHOR BRONZE, PLATED WITH 0.76 MICRONS (30 MICROINCHES) GOLD OVER 1.27 MICRONS (50 MICROINCHES) MINIMUM NICKEL ON THE MATING AREA WITH TIN PLATING ON THE TAILS.
   - USB HOUSING - ENGINEERING THERMOPLASTIC, HIGH TEMPERATURE RESISTANT, FLAMMABILITY RATING UL94V-0, BLACK.
   - USB SHELL & BACK COVER - COPPER ALLOY, NICKEL PLATED
   - GASKET - SILICONE RUBBER, BLACK
2. ENVIRONMENTAL PERFORMANCE PER IEC 60529 CODE IP67 FOR SEAL BETWEEN MATING AREA AND PCB SIDE OF CONNECTOR. GASKET PROVIDES SEAL TO INSIDE FACE OF ENCLOSURE PANEL.
3. CURRENT RATING: 1.5 AMPERES
4. CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM.
5. OPERATING TEMPERATURE: -40°C TO +105°C.

Amphenol Canada Corp RoHS Compliant EU 2002/95/EC

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETER TOLERANCES ARE: DECIMALS .XX ± 0.25 ANGLES ± 1°	APPROVALS	DATE	**Amphenol Canada Corp.**
	DRAWN H.SONG	DEC18/08	
	DESIGNED		TITLE: MUSB SERIES RUGGED USB CONNECTOR, SERIES 'A' RECEPTACLE, SINGLE PORT, RIGHT ANGLE PCB TAIL, SPECIAL EPOXY APPLICATION CONTROL, RoHS COMPLIANT
MATERIAL AND FINISH	CHECKED		
	QA APP'D		
REF.	IE APP'D		SIZE C · DWG. NO. P-MUSB-A111-301 · REV. A
CODE IDENT. NO.	DWG APP'D K.LAMBIE	DEC18/08	SCALE 3:1 · PROJECT MUSB · SHEET 1 OF 2

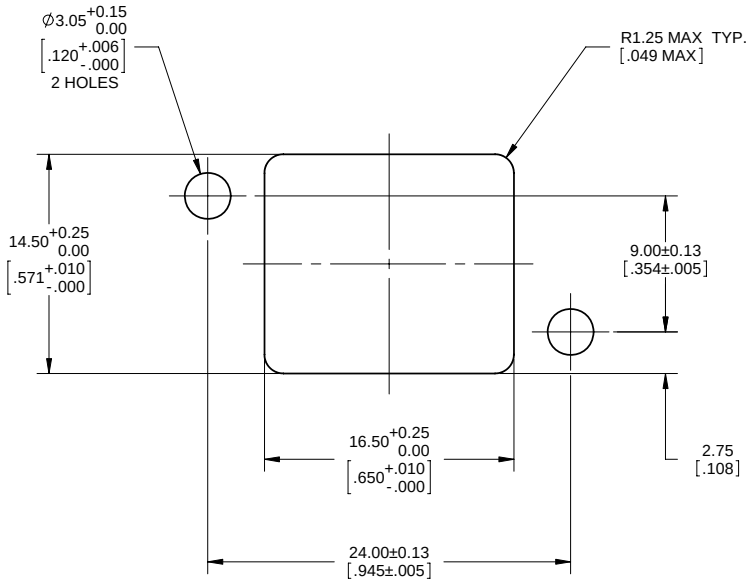
DO NOT SCALE DRAWING
THIS DOCUMENT COTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

REVISIONS			
REV	DESCRIPTION	DATE	APPRD
A	PROPOSAL (EAR 13438)	DEC18/08	K.L.



RECOMMENDED PCB LAYOUT

COMPONENT SIDE OF BOARD



RECOMMENDED PANEL CUTOUT

DO NOT SCALE DRAWING
THIS DOCUMENT COTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETER TOLERANCES ARE: DECIMALS .XX ± 0.25 ANGLES ± 1°	APPROVALS	DATE
	DRAWN H.SONG	DEC18/08
	DESIGNED	
MATERIAL AND FINISH	CHECKED	
	QA APP'D	
REF.	IE APP'D	
CODE IDENT. NO.	DWG APP'D K.LAMBIE	DEC18/08

Amphenol Canada Corp.

TITLE
MUSB SERIES RUGGED USB CONNECTOR, SERIES 'A' RECEPTACLE, SINGLE PORT, RIGHT ANGLE PCB TAIL, SPECIAL EPOXY APPLICATION CONTROL, RoHS COMPLIANT

SIZE	DWG. NO.	REV.
C	P-MUSB-A111-301	A

SCALE	PROJECT	SHEET
3:1	MUSB	2 OF 2