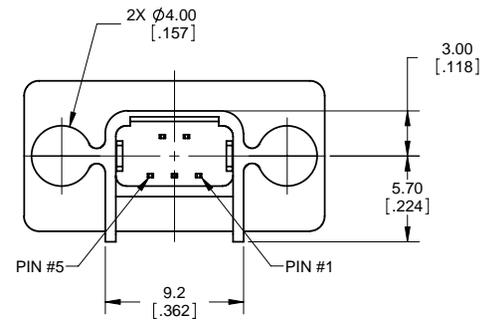
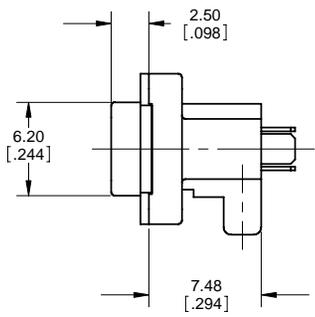
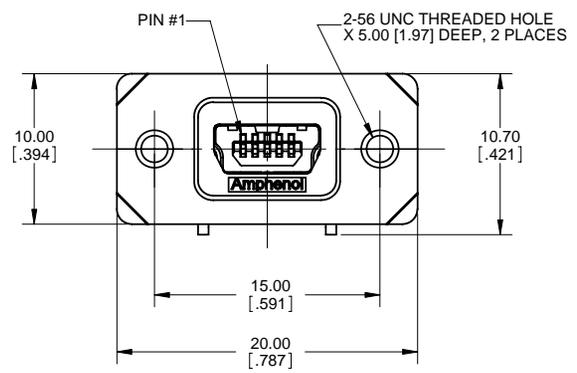
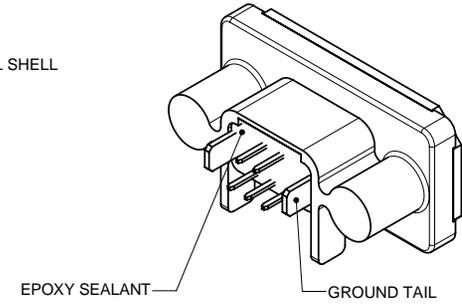
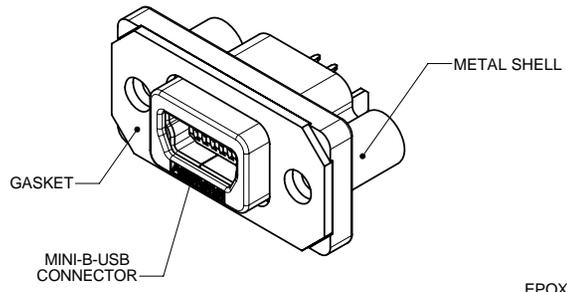
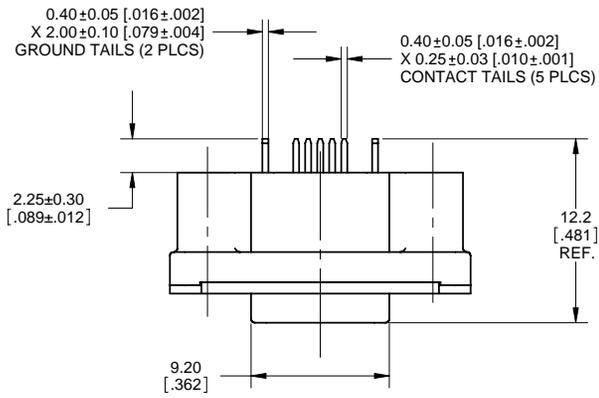
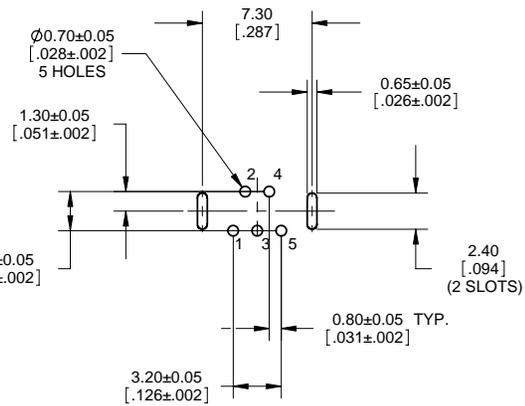


REVISIONS			
REV	DESCRIPTION	DATE	APPRD
E	PRODUCT DWG (EAR 13430)	DEC04/08	K.L.

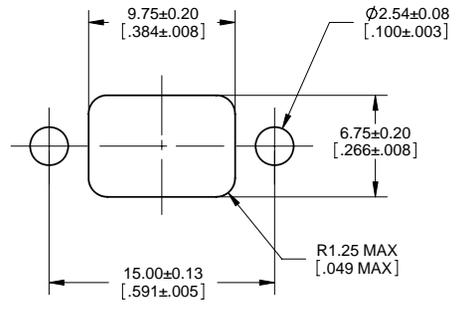


NOTES:

- 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 [30u"] GOLD OVER 1.27 MICRONS [50u"] MINIMUM NICKEL ON THE MATING AREA WITH GOLD FLASH OVER NICKEL ON THE TAILS.
- USB HOUSING: ENGINEERING THERMOPLASTIC, FLAMMABILITY RATING UL94V-0, BLACK.
- USB SHELL: COPPER ALLOY, NICKEL PLATED
- GASKET: PORON WITH ADHESIVE BACKING.
- 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.**
- CURRENT RATING: 1 AMPERE.**
- CONTACT RESISTANCE: 50 MILLIOHMS MAXIMUM.**
- OPERATING TEMPERATURE: -40°C TO +105°C.**
- AVAILABLE MATING AREA COVERS PROVIDE ADDED PROTECTION. CONSULT WITH AMPHENOL CANADA FOR DETAILS.**
- CONNECTOR SEAL TO WITHSTAND 34.5 KPa (5 PSI) PRESSURE AFTER TEMPERATURE EXPOSURE OF 150°C FOR 180 SECONDS (CONNECTOR PRE-HEAT) AND 265°C FOR 8 SECONDS (SOLDER DIP TAILS).**
- RECOMMENDED TORQUE FOR PANEL MOUNT SCREWS: 0.23 TO 0.34 Nm (2.00 TO 3.00 IN-LBS) FOR STEEL SCREWS WITH 3.00 (.118) THREAD ENGAGEMENT.**



RECOMMENDED P.C.B. LAYOUT



RECOMMENDED PANEL CUTOUT

AMPHENOL PART NUMBER: MUSB-B551-04

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS .XX ± .X ± MATERIAL AND FINISH	APPROVALS DRAWN S.SEMENOV	DATE FEB23/07	Amphenol Canada Corp. TITLE MUSB SERIES RUGGED MINI-B USB RECEPTACLE, VERTICAL PCB MOUNT, METAL SHELL, RoHS COMPLIANT	
	DESIGNED S.SEMENOV	FEB23/07		
REF. EAR 13430	IE APPD	SIZE C	DWG. NO. P-MUSB-B551-04	REV. E
CODE IDENT. NO.	DWG APPD A.GREEN	SCALE 4:1	PROJECT MUSB	SHEET 1 OF 1