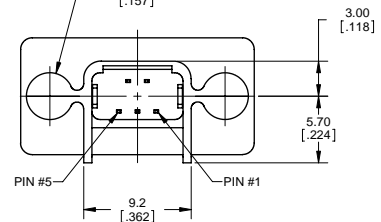
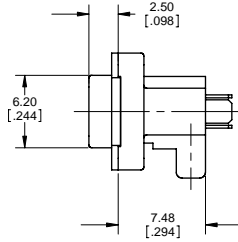
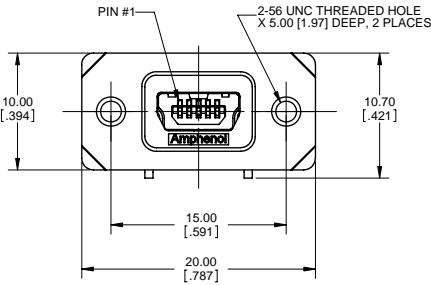
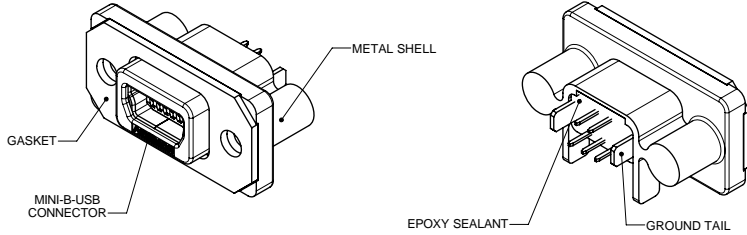
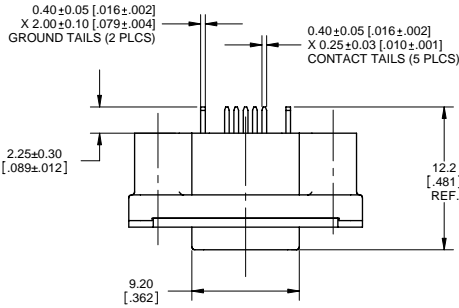


REVISIONS			
REV	DESCRIPTION	DATE	APPRD
E	PRODUCT DWG (EAR 13430)	DEC04/08	K.L.

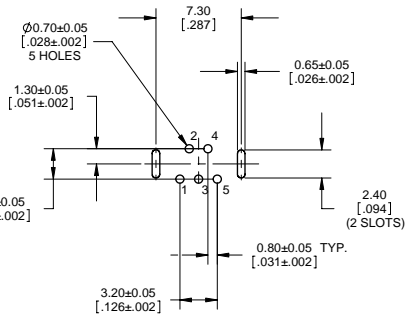


**NOTES:**

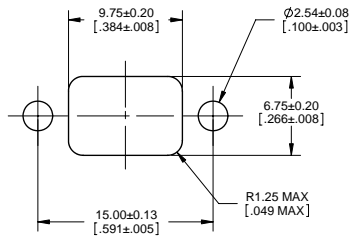
- MATERIAL:**  
ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC AND AMENDMENTS  
- OUTER SHELL: DIECAST ZINC ALLOY, NICKEL PLATED  
- CONTACTS: PHOSPHOR BRONZE, PLATED WITH 0.76 MICRONS [30u"] GOLD OVER 1.27 MICRONS [50u"] MINIMUM NICKEL ON THE MATING AREA WITH GOLD FLASH OVER NICKEL ON THE TAILS.  
- USB HOUSING: ENGINEERING THERMOPLASTIC, FLAMMIBILITY 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.**

**AMPHENOL PART NUMBER: MUSB-B551-04**

**RECOMMENDED P.C.B. LAYOUT**



**RECOMMENDED PANEL CUTOUT**



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

DO NOT SCALE DRAWING  
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