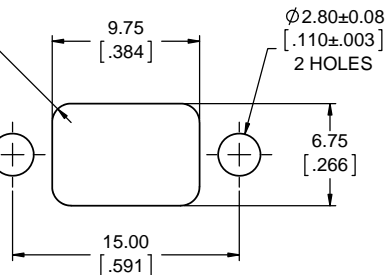
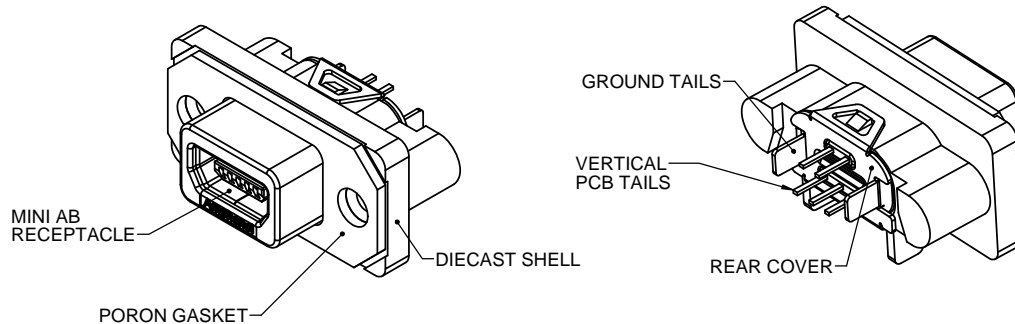
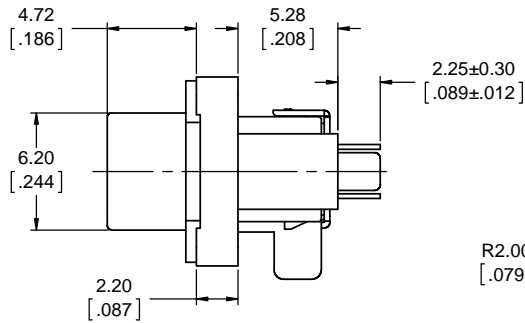


**RECOMMENDED PCB LAYOUT**  
COMPONENT SIDE OF BOARD

LOCATE HOLES  
⊕ Ø 0.13 [.005]  
POSITION DIMENSIONS  
ARE BASIC



**RECOMMENDED PANEL  
CUTOUT**  
OUTSIDE VIEW OF PANEL



#### NOTES:

- MATERIAL:**  
ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS
  - OUTER SHELL: DIECAST ZINC ALLOY, MATTE TIN OVER NICKEL PLATED
  - CONTACTS: PHOSPHOR BRONZE, PLATED WITH 0.76 µm [30µ"] MINIMUM GOLD OVER 1.27 µm [50µ"] MINIMUM NICKEL ON THE MATING AREA WITH MATTE TIN OVER NICKEL ON THE TAILS
  - USB HOUSING: ENGINEERING THERMOPLASTIC LCP, HIGH TEMPERATURE RESISTANT, FLAMMABILITY RATING UL94V-0, BLACK
  - USB SHIELD: STAINLESS STEEL, PASSIVATED
  - REAR COVER: STAINLESS STEEL, MATTE TIN OVER 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.

#### AMPHENOL P/N MUSBR-E551-501

UNLESS SPECIFIED OTHERWISE	DRAWN	N. YOUNG	NOV09/15
PRIMARY UNITS MILLIMETERS	CHECKED	K. LAMBIE	NOV26/15
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14404	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES	DO NOT SCALE DRAWING		

<b>Amphenol Canada Corp.</b> <a href="http://www.amphenolcanada.com">www.amphenolcanada.com</a>			
<b>MUSBR SERIES RUGGED USB MINI-AB RECEPTACLE, VERTICAL PCB TAIL, REAR FLANGE, PORON GASKET, RoHS COMPLIANT</b>			
DWG. NO.	P-MUSBR-E551-501		
CODE ID NO. 03554	DWG. SIZE: X	SCALE: 5:1	SHEET 1 OF 1



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