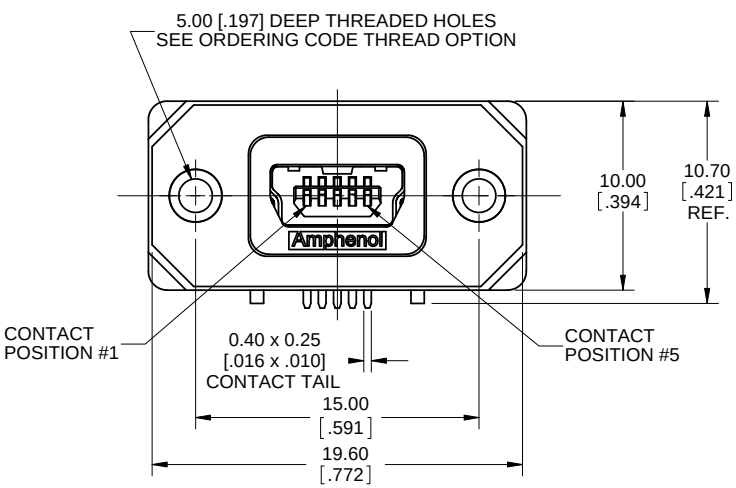
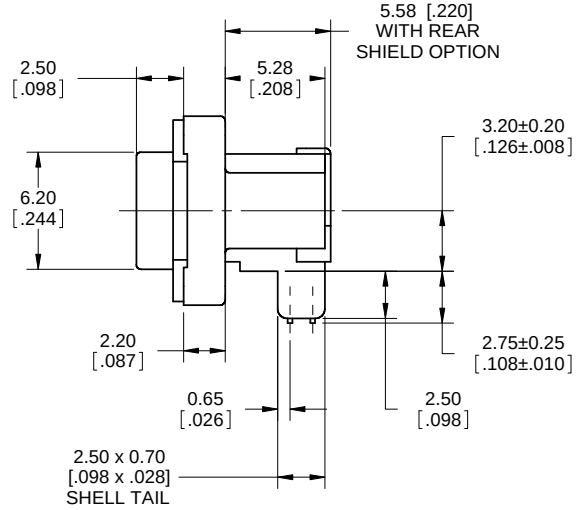
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
H	PRODUCT DRAWING (EAR 13750)	JUL20/11	K.L.
J	PRODUCT DRAWING (EAR 14113)	AUG23/12	K.L.





ORDERING CODE: M U S B - B 1 5 1 - X X

SERIES, RUGGED USB

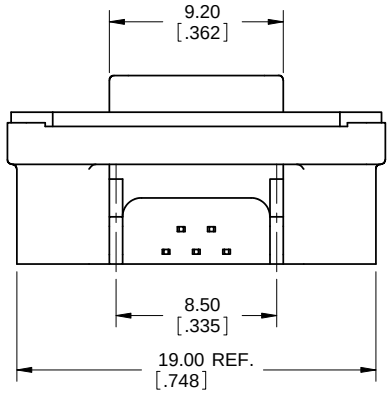
USB 'MINI-B' RECEPTACLE, SINGLE PORT, RIGHT ANGLE PCB TAILS

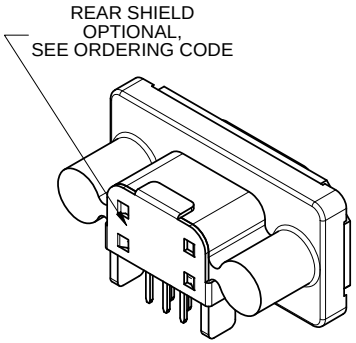
REAR SHIELD & THREAD OPTION
0=NO REAR SHIELD, #2-56 UNC THREAD
3= WITH REAR SHIELD, #2-56 UNC THREAD
M= WITH REAR SHIELD, M2.5 X 0.45 THREAD
N=NO REAR SHIELD, M2.5 X 0.45 THREAD

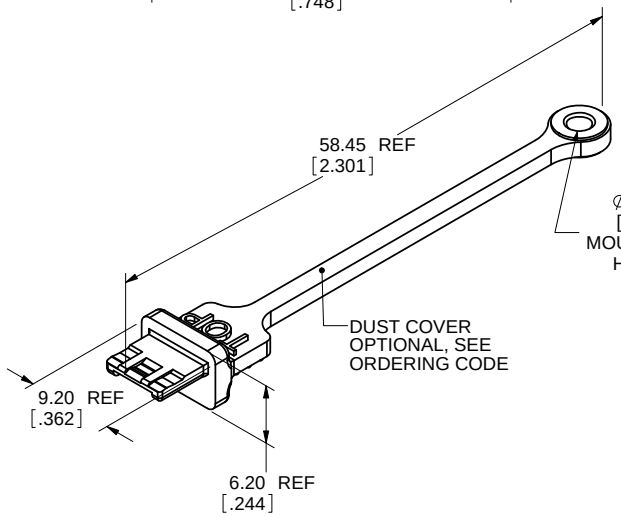
DUST COVER OPTION
0=NO DUST COVER SUPPLIED
1=WITH GREY DUST COVER SUPPLIED
4=NO DUST COVER SUPPLIED
5=WITH BLACK DUST COVER SUPPLIED

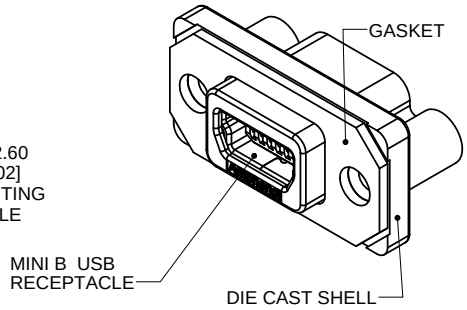
NOTE: THERE IS NO DIFFERENCE BETWEEN DUST COVER OPTIONS '0' AND '4'

SPECIAL CONNECTORS:
MANY UNIQUE FEATURES ARE READILY AVAILABLE TO SUIT CUSTOMER REQUIREMENTS. CONSULT WITH AMPHENOL CANADA FOR DETAILS.









NOTES:

1. MATERIAL:
   ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC AND AMENDMENTS
   - OUTER SHELL: DIE CAST 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 TIN OVER NICKEL ON THE TAILS.
   - USB HOUSING: ENGINEERING THERMOPLASTIC, FLAMMABILITY RATING UL94V-0, BLACK.
   - USB SHELL & REAR SHIELD: COPPER ALLOY, NICKEL PLATED
   - GASKET: PORON WITH ADHESIVE BACKING.
   - DUST COVER: SILICONE RUBBER WITH NICKEL PLATED COPPER ALLOY BUSHING.
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. AVAILABLE DUST COVER PROVIDES ADDED PROTECTION. SEE SHEET 2 FOR APPLICATION VIEW.
3. CURRENT RATING: 1 AMPERE.
4. CONTACT RESISTANCE: 50 MILLIOHMS MAXIMUM.
5. OPERATING TEMPERATURE: -40 °C TO +105 °C.
6. DUST COVERS MAY BE ORDERED SEPARATELY. SPECIFY
   - PART NUMBER MUSB-2E151-005BP FOR GREY DUST COVER
   - PART NUMBER MUSB-2E151-015BP FOR BLACK DUST COVER
7. RECOMMENDED TORQUE FOR PANEL MOUNT SCREWS: 0.23 TO 0.34 N.m (2.00 TO 3.00 IN-LBS) FOR SCREWS WITH 2.50mm (.098") THREAD ENGAGEMENT.
8. RECOMMENDED ENCLOSURE PANEL: 1.20 TO 2.50mm (0.47 TO .098") THICK.

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UNLESS SPECIFIED OTHERWISE	DRAWN	S.SEMENOV	MAR15/07
PRIMARY UNITS MILLIMETERS	CHECKED		
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	A.GREEN	MAR15/07
1 DECIMAL PLACE	ENG. REL. NO.		
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	
ANGULAR DEGREES			

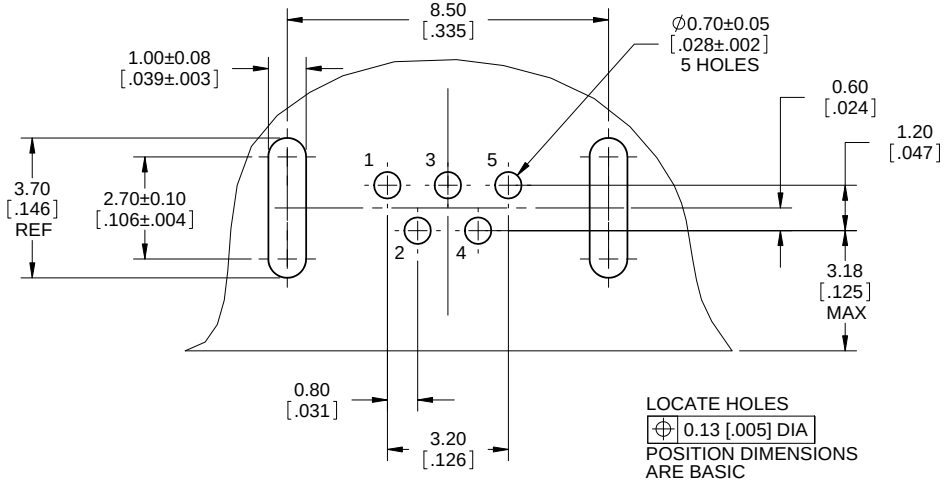
Amphenol Canada Corp.

MUSB SERIES RUGGED MINI-B USB RECEPTACLE, RIGHT ANGLE PCB TAIL, RoHS COMPLIANT

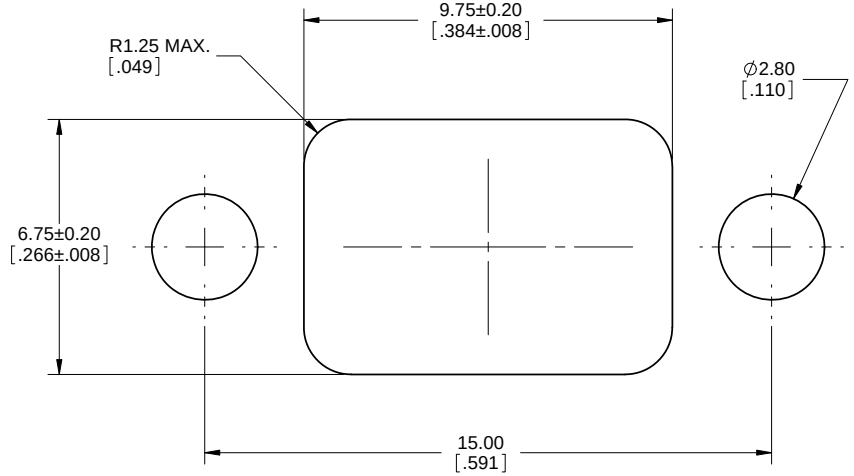
DWG. NO.	REV
P-MUSB-B151-XX	J

CODE ID NO. 03554 | DWG SIZE: C | SCALE: 5:1 | SHEET 1 OF 2

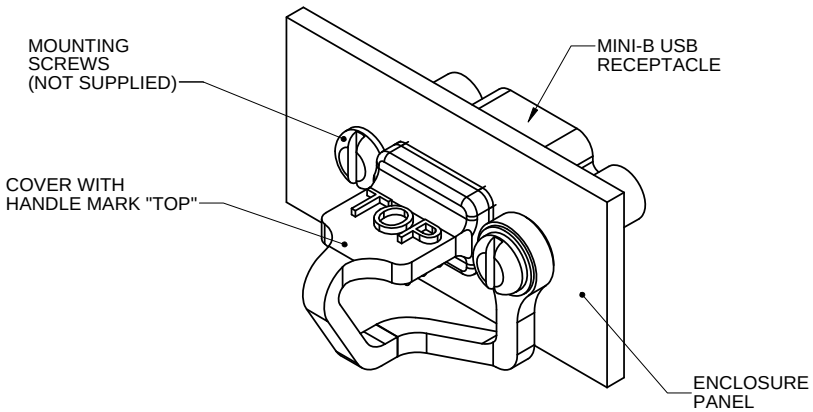
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
H	PRODUCT DRAWING (EAR 13750)	JUL20/11	K.L.
J	PRODUCT DRAWING (EAR 14113)	AUG23/12	K.L.



RECOMMENDED P.C.B. LAYOUT
COMPONENT SIDE OF BOARD



RECOMMENDED PANEL CUTOUT



DUST COVER APPLICATION

Amphenol Canada Corp RoHS Compliant EU 2002/95/EC

UNLESS SPECIFIED OTHERWISE	DRAWN S.SEMENOV	MAR15/07	**Amphenol Canada Corp.** www.amphenolcanada.com
PRIMARY UNITS MILLIMETERS	CHECKED		
SECONDARY INCHES	M.E. APP'D		MUSB SERIES RUGGED MINI-B USB RECEPTACLE, RIGHT ANGLE PCB TAIL, RoHS COMPLIANT
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR. A.GREEN	MAR15/07	
1 DECIMAL PLACE	ENG. REL. NO.		
2 DECIMAL PLACES ±0.15	REF.		DWG. NO. P-MUSB-B151-XX REV J
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 DWG SIZE: C SCALE: 5:1 SHEET 2 OF 2
ANGULAR DEGREES			

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