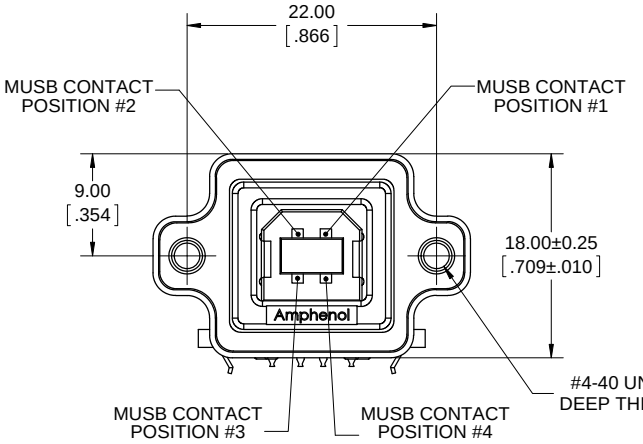
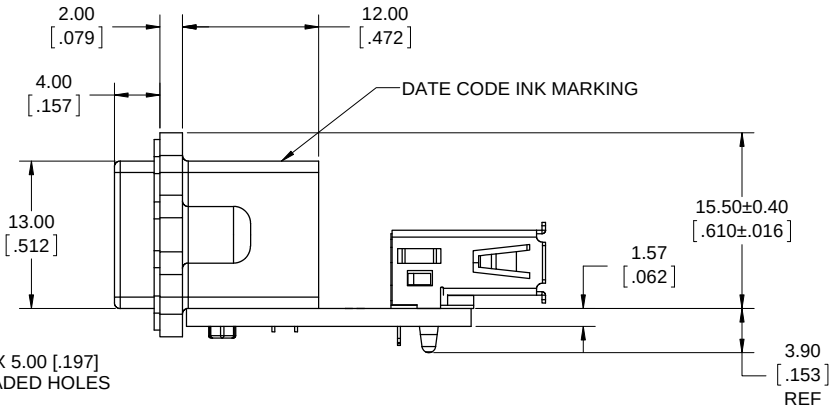
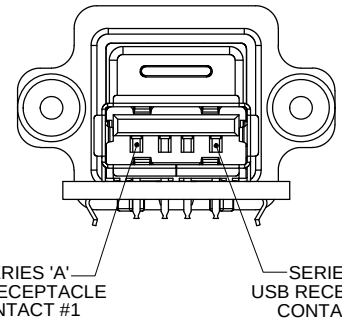
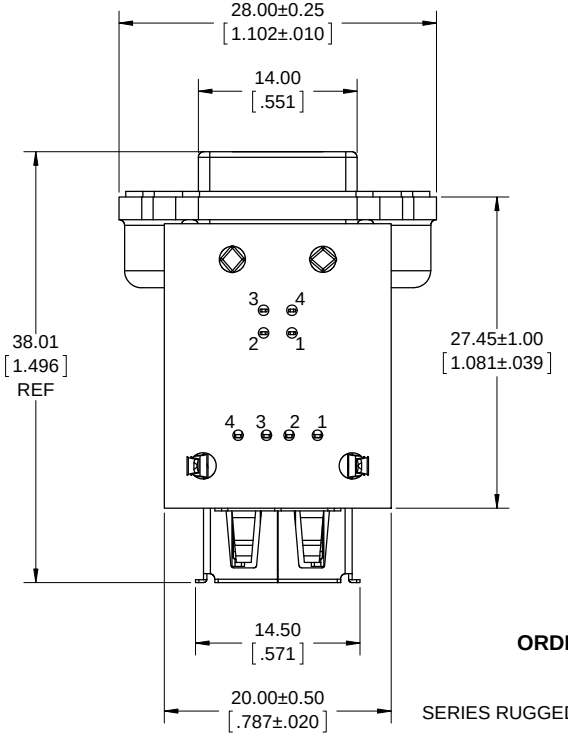
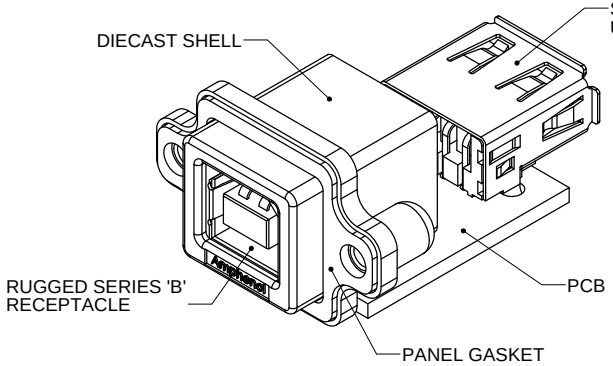
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PRODUCT DRAWING (EAR 14242)	DEC18/13	K.L.

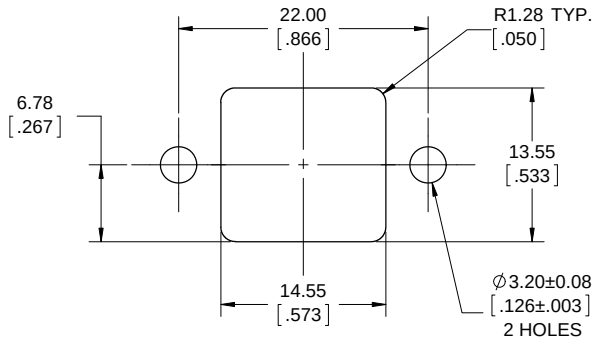












RECOMMENDED PANEL CUTOUT

MUSB TO USB CONNECTION CHART	
MUSB CONNECTOR CONTACTS	USB CONNECTOR CONTACTS
1	1
2	2
3	3
4	4
SHELL/GROUND	SHELL/GROUND

ORDERING CODE: M U S B - D 3 1 1 - 3 0 2

- SERIES RUGGED USB
- USB SERIES 'B' RECEPTACLE, RIGHT ANGLE, ON PCB
- THREAD OPTION
  3 = #4-40 UNC THREAD
- DUST COVER OPTION
  0 = NO DUST COVER SUPPLIED
- UNIQUE SPECIAL CODE
  2 = WITH STANDARD SERIES 'A' USB ON THE PCB

NOTES:

1. MATERIAL:
   - ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU 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, FLAMMABILITY RATING UL94V-0, WHITE FOR SERIES B, BLACK FOR SERIES A.
   - USB SHIELDS - COPPER OR STEEL ALLOY, NICKEL PLATED.
   - GASKET - SILICONE RUBBER, BLACK.
   - PCB - FR-4 FIBERGLASS, LEAD FREE.
   - STANDARD SERIES 'A' USB - HOUSING, CONTACT & SHIELD MATERIALS AS INDICATED ABOVE.
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: 80 MILLIOHMS MAXIMUM. (SUBJECT TO VERIFICATION)
5. OPERATING TEMPERATURE: -40˚C to +105˚C.

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

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UNLESS SPECIFIED OTHERWISE	DRAWN J.LU	DEC18/13
PRIMARY UNITS MILLIMETERS	CHECKED	
SECONDARY INCHES	M.E. APP'D	
REFERENCE IN PARENTHESES	Q.A. APP'D	
GENERAL TOLERANCES	DWG APPR. K.LAMBIE	DEC18/13
1 DECIMAL PLACE	ENG. REL. NO. EAR 14242	
2 DECIMAL PLACES ±0.15	REF.	
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING
ANGULAR DEGREES		

Amphenol Canada Corp.

MUSB RUGGED USB CONNECTOR, RUGGED SERIES 'B' RECEPTACLE ON PCB WITH STANDARD SERIES 'A' RECEPTACLE, RoHS COMPLIANT

DWG. NO.	REV
P-MUSB-D311-302	A

CODE ID NO. 03554	DWG SIZE: X	SCALE: 3:1	SHEET 1 OF 1

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