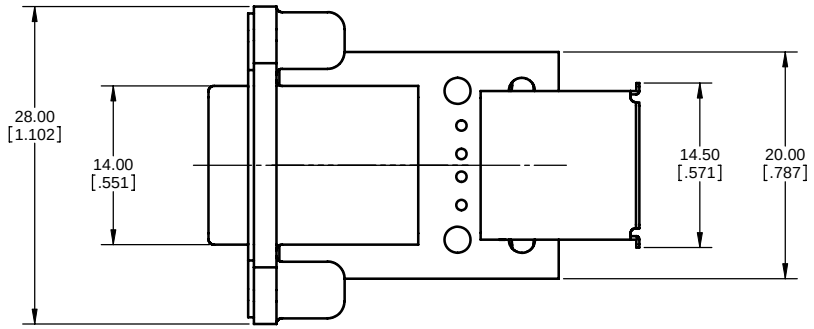
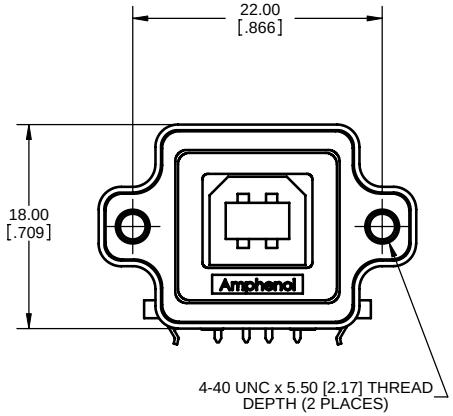
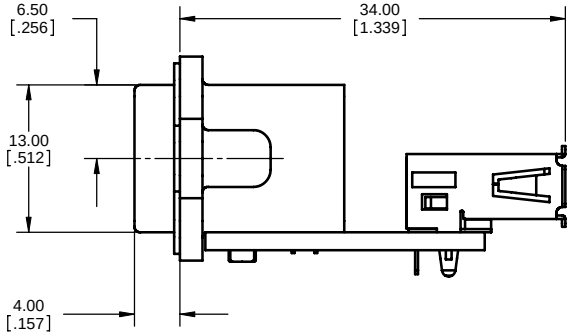
REVISIONS			
REV.	ECN, ERN NO.	DATE	APPROVED
A	PROPOSAL PER EAR 13237	MAR05/08	K.L.



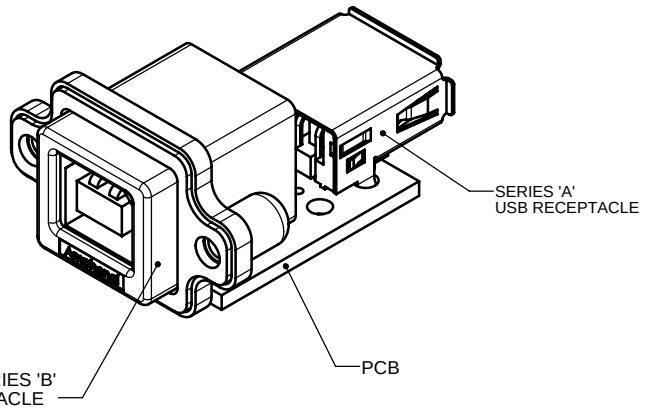




NOT UP TO DATE
PRODUCT NOW INCLUDES COMMON MODE CHOKE
KL APR18/19

NOTES:

1. MATERIAL:
   ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC AND AMENDMENTS.
   OUTER RUGGED 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 HOUSINGS - ENGINEERING THERMOPLASTIC, FLAMMABILITY RATING UL94V-0.
   USB SHELLS - COPPER ALLOY, NICKEL PLATED.
   GASKET - SILICONE RUBBER, BLACK.
   PCB - FR-4 FIBERGLASS, LEAD FREE.
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: 30 MILLIOHMS MAXIMUM.
5. OPERATING TEMPERATURE: -40°C TO +105°C.
6. AVAILABLE MATING AREA COVERS PROVIDE ADDED PROTECTION. CONSULT WITH AMPHENOL CANADA FOR DETAILS.

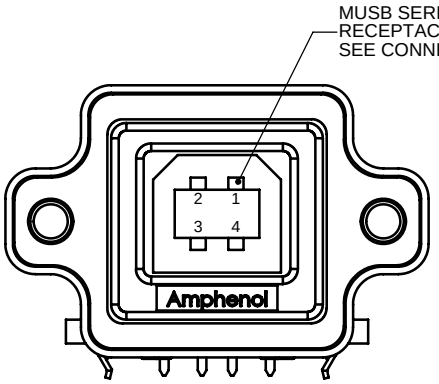


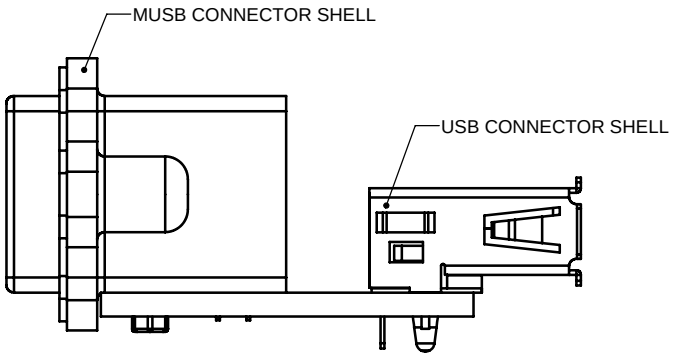
AMPHENOL PART NUMBER: MUSB-D311-301

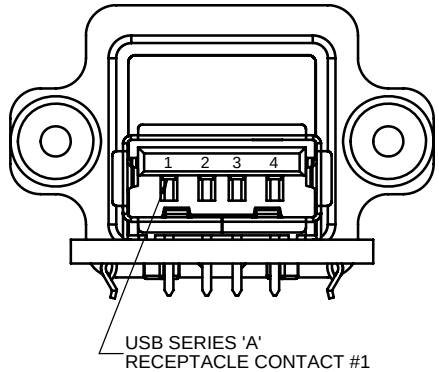
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS .XX ± .X ± ANGLES ±	APPROVALS	DATE	**Amphenol Canada Corp.**
	DRAWN G.LI	MAR05/08	
	DESIGNED		MUSB SERIES RUGGED USB CONNECTOR, SPECIAL WITH RUGGED SERIES 'B' RECEPTACLE ON PCB WITH SERIES 'A' RECEPTACLE, RoHS COMPLIANT
MATERIAL AND FINISH	CHECKED		
	QA APP'D		
REF.	IE APP'D		SIZE C · DWG. NO. P-MUSB-D311-301 · REV. A
CODE IDENT. NO.	DWG APP'D K.LAMBIE	MAR05/08	SCALE 3:1 · PROJECT MUSB · SHEET 1 OF 2

DO NOT SCALE DRAWING
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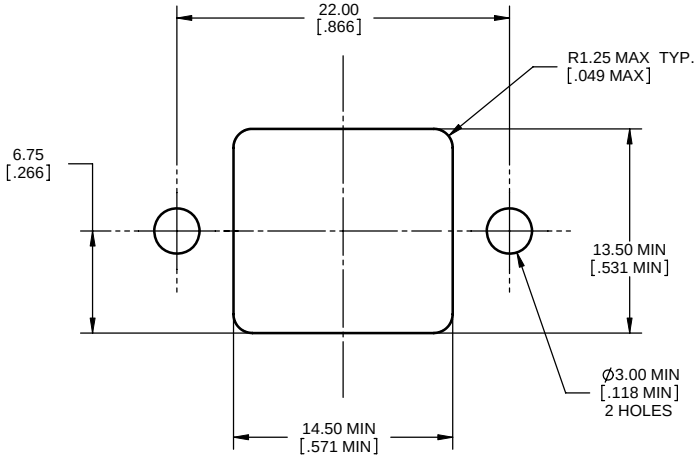
REVISIONS			
REV.	ECN, ERN NO.	DATE	APPROVED
A	PROPOSAL PER EAR 13237	MAR05/08	K.L.







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



RECOMMENDED PANEL CUTOUT



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ARE:

DECIMALS .XX ± .X ±
ANGLES ±

MATERIAL AND FINISH

REF.

CODE IDENT. NO.

APPROVALS	DATE
DRAWN G.LI	MAR05/08
DESIGNED	
CHECKED	
QA APP'D	
IE APP'D	
DWG APP'D K.LAMBIE	MAR05/08

Amphenol Canada Corp.

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

SIZE	DWG. NO.	REV.
C	P-MUSB-D311-301	A

SCALE	PROJECT	SHEET
3:1	MUSB	2 OF 2

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