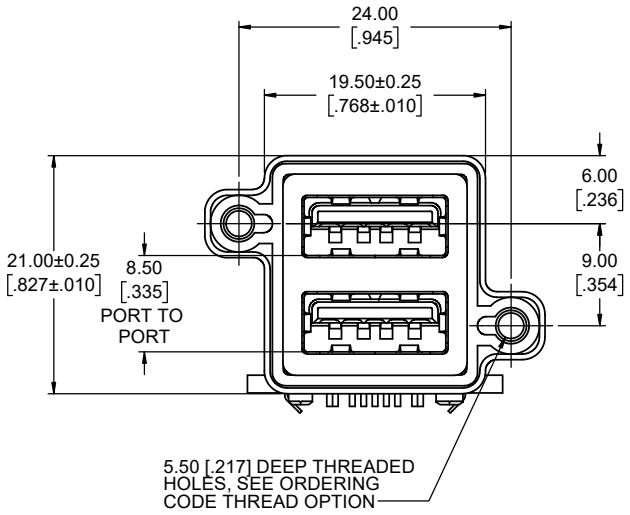
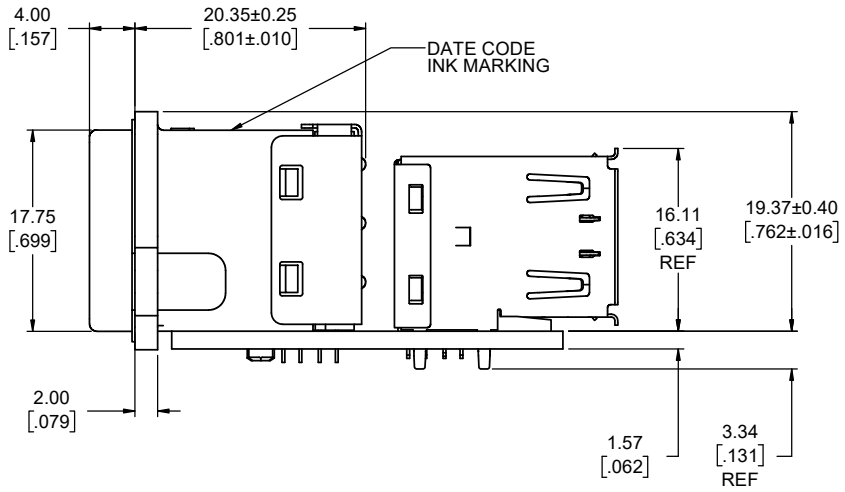
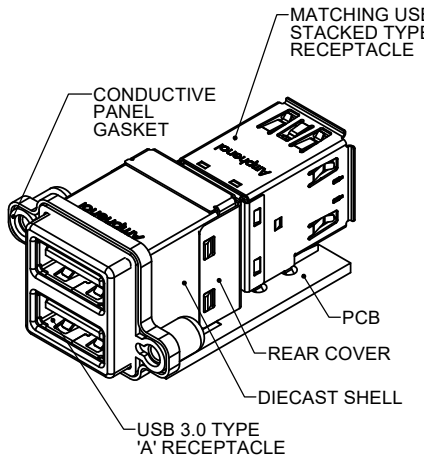
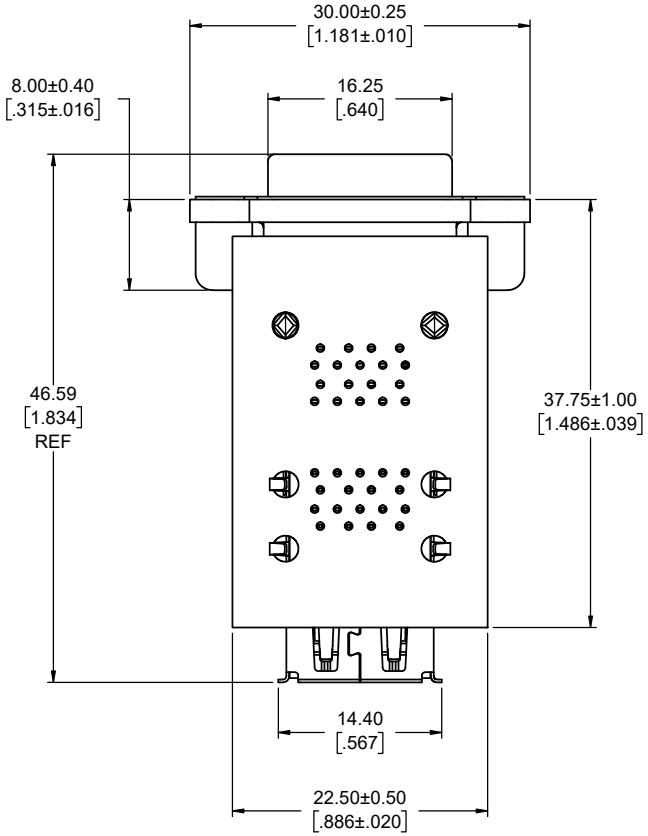
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING (EAR 14582)	SEP28/17	K.L.
B	PRODUCT DRAWING (EAR 14863)	SEP22/20	K.L.









ORDERING CODE: M U S B R - 4 3 9 3 - X X

SERIES RUGGED USB

USB 3.0 TYPE 'A' RECEPTACLE, STACKED, RIGHT ANGLE, ON PCB WITH MATCHING USB

THREAD OPTION
3 = #4-40 UNC THREAD
M = M3 x 0.5 THREAD

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

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

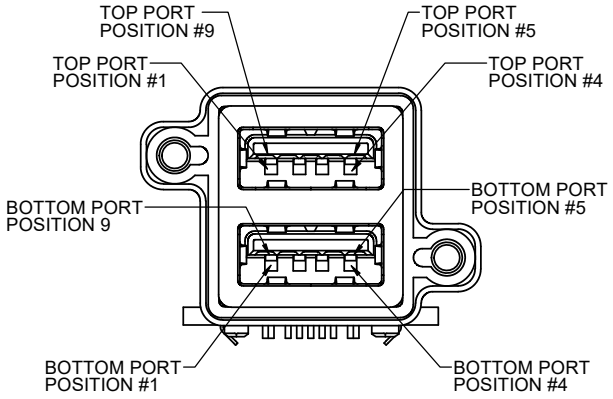
NOTES:

1. MATERIAL:
   - ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS
   - OUTER SHELL - DIECAST ZINC ALLOY, MATTE TIN OVER NICKEL PLATED
   - CONTACTS - PHOSPHOR BRONZE & COPPER ALLOY, PLATED WITH 0.76 µm (30 µ") GOLD OVER 1.27 µm (50 µ") NICKEL ON THE MATING AREA WITH MATTE TIN PLATING ON THE TAILS.
   - HOUSINGS - ENGINEERING THERMOPLASTIC, HIGH TEMPERATURE RESISTANT, FLAMMABILITY RATING UL94V-0, MATING AREA - BLUE, OTHERS - BLACK.
   - USB SHIELD & REAR COVER - STAINLESS STEEL, PASSIVATED
   - PANEL GASKET - CONDUCTIVE SILICONE RUBBER, BLACK
   - PCB - FR-4 FIBERGLASS, LEAD FREE, UL94V-0
   - STANDARD USB CONNECTOR: HOUSING, CONTACT & SHIELD MATERIALS AS ABOVE WITH NICKEL PLATED STAINLESS STEEL FRONT SHIELD.
   - DUST COVER - SILICONE RUBBER WITH NICKEL PLATED BRASS BUSHING. SEE ORDERING CODE FOR DUST COVER OPTIONS.
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.
3. CURRENT RATING: 1.8 AMPERES MAX. FOR POSITIONS 1 & 4, 0.25 AMPERES MAX. FOR REMAINING POSITIONS.
4. OPERATING TEMPERATURE: -40°C TO +105°C.
5. DUST COVERS MAY BE ORDERED SEPARATELY. SPECIFY
   - PART NUMBER MUSB-2A111-014BP FOR THE GREY COVER OR
   - PART NUMBER MUSB-2A111-024BP FOR THE BLACK COVER.

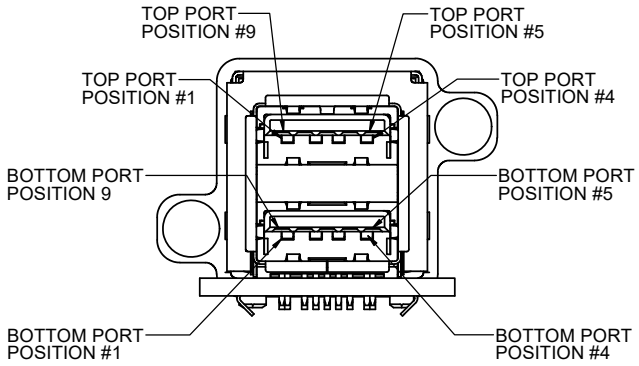
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE	DRAWN I. FOUK ALADEH	SEP28/17	**Amphenol Canada Corp.** www.amphenolcanada.com
PRIMARY UNITS MILLIMETERS	CHECKED K.LAMBIE	SEP28/17	
SECONDARY INCHES	M.E. APP'D		MUSBR SERIES RUGGED USB 3.0, TYPE 'A' STACKED RECEPTACLE, RIGHT ANGLE, ON PCB WITH MATCHING USB, THREAD & DUST COVER OPTIONS, RoHS COMPLIANT
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		DWG. NO. P-MUSBR-4393-XX REV B
1 DECIMAL PLACE	ENG. REL. NO. EAR 14582		
2 DECIMAL PLACES ±0.15	REF.		CODE ID NO. 03554 DWG SIZE: X SCALE: 2:1 SHEET 1 OF 2
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	
ANGULAR DEGREES			

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
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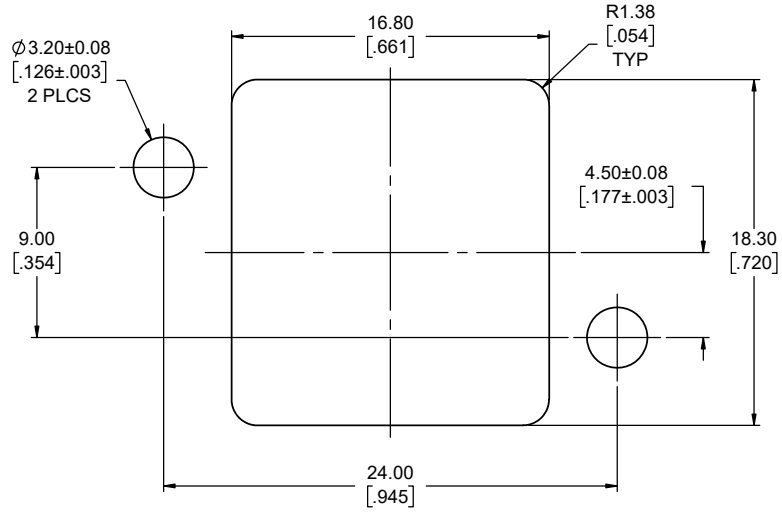


MUSBR CONTACT ASSIGNMENT
FRONT VIEW



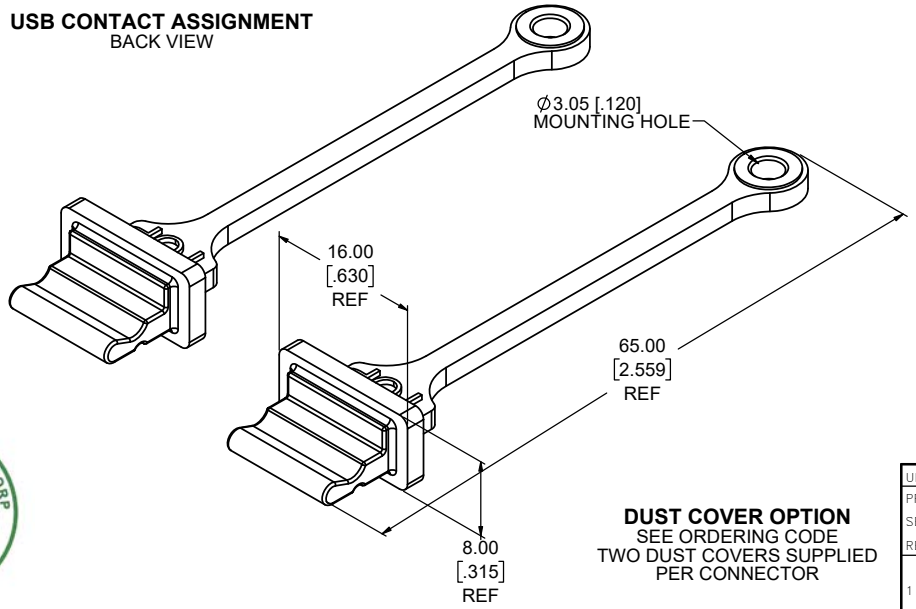
MUSBR TO USB CONNECTION CHART

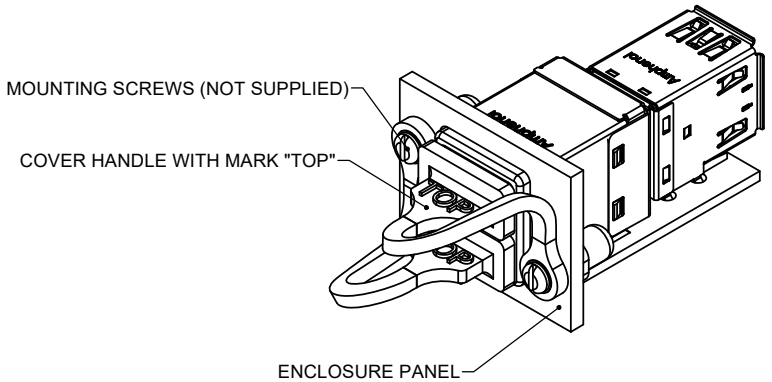
MUSBR CONNECTOR CONTACTS	MATCHING USB RECEPTACLE
BOTTOM #1	BOTTOM #1
BOTTOM #2	BOTTOM #2
BOTTOM #3	BOTTOM #3
BOTTOM #4	BOTTOM #4
BOTTOM #5	BOTTOM #5
BOTTOM #6	BOTTOM #6
BOTTOM #7	BOTTOM #7
BOTTOM #8	BOTTOM #8
BOTTOM #9	BOTTOM #9
TOP #1	TOP #1
TOP #2	TOP #2
TOP #3	TOP #3
TOP #4	TOP #4
TOP #5	TOP #5
TOP #6	TOP #6
TOP #7	TOP #7
TOP #8	TOP #8
TOP #9	TOP #9
SHELL / GROUND	SHIELD / GROUND



RECOMMENDED PANEL CUTOUT
OUTSIDE VIEW OF PANEL

USB CONTACT ASSIGNMENT
BACK VIEW





DUST COVER APPLICATION VIEW

DUST COVER OPTION
SEE ORDERING CODE
TWO DUST COVERS SUPPLIED
PER CONNECTOR

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

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2 DECIMAL PLACES ±0.15	REF.	
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING
ANGULAR DEGREES		

Amphenol Canada Corp.
www.amphenolcanada.com

MUSBR SERIES RUGGED USB 3.0, TYPE 'A' STACKED RECEPTACLE, RIGHT ANGLE, ON PCB WITH MATCHING USB, THREAD & DUST COVER OPTIONS, RoHS COMPLIANT

DWG. NO. P-MUSBR-4393-XX REV B

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