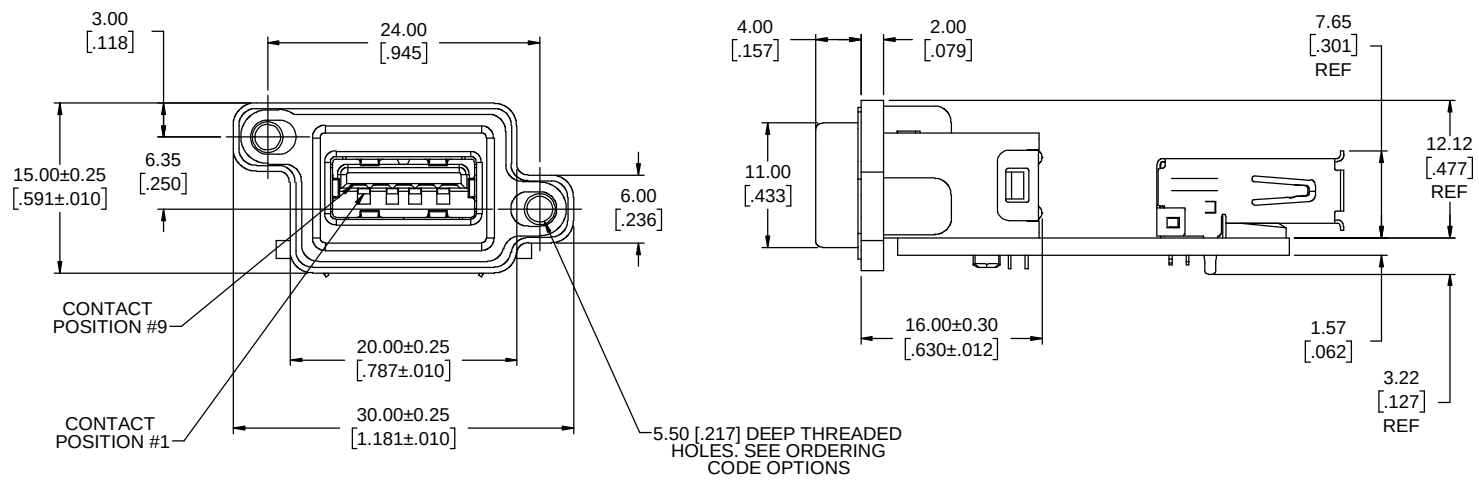


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING (EAR 14582)	AUG24/17	K.L.



ORDERING CODE: MUSB-R-3393-XX

SERIES, RUGGED USB

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

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

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

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

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 & 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 MATERIALS AS ABOVE WITH NICKEL PLATED COPPER ALLOY SHIELD.
 - DUST COVER - SILICONE RUBBER WITH NICKEL PLATED BRASS BUSHING. SEE ORDERING CODE FOR DUST COVER OPTIONS.
- 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.
- CURRENT RATING:** 1.8 AMPERES MAX. FOR POSITIONS 1 & 4, 0.25 AMPERES MAX. FOR REMAINING POSITIONS.
- OPERATING TEMPERATURE:** -40°C TO +105°C.
- 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.

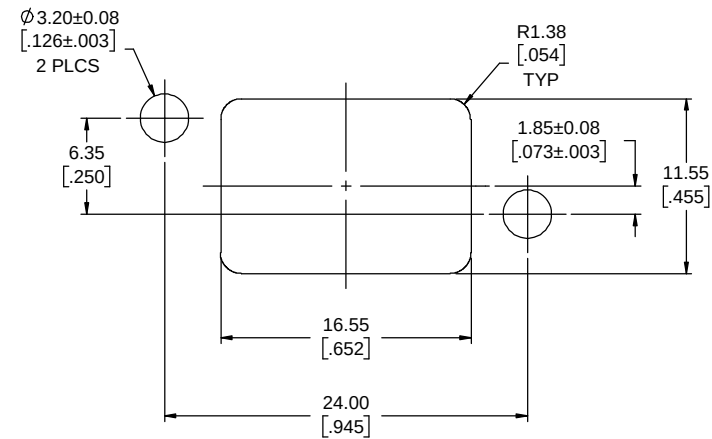
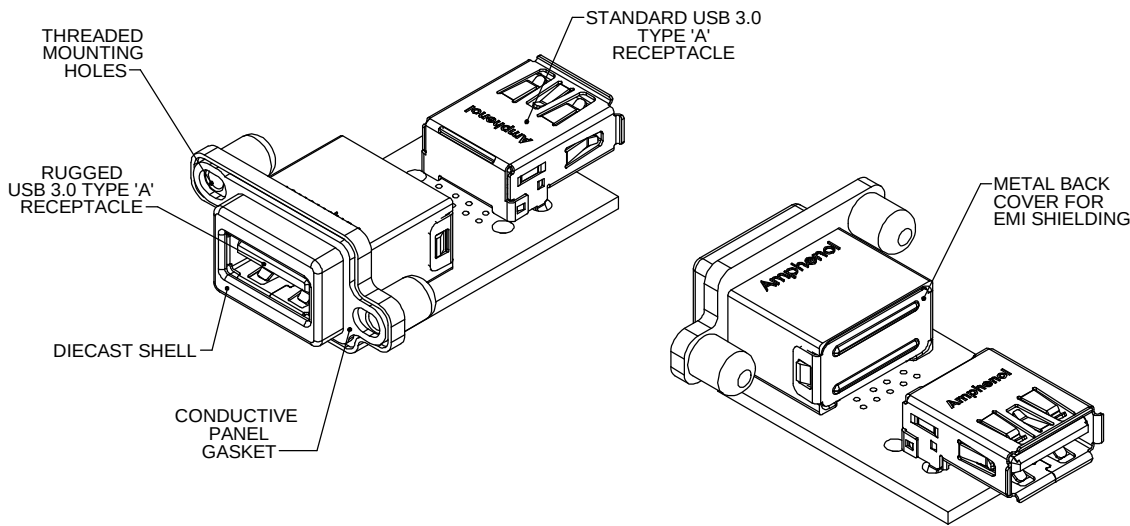
RUGGED USB CONNECTOR POSITION #	STANDARD USB CONNECTOR POSITION #
SHELL/GROUND (G1/G2)	SHIELD/GROUND (G3/G4)
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9



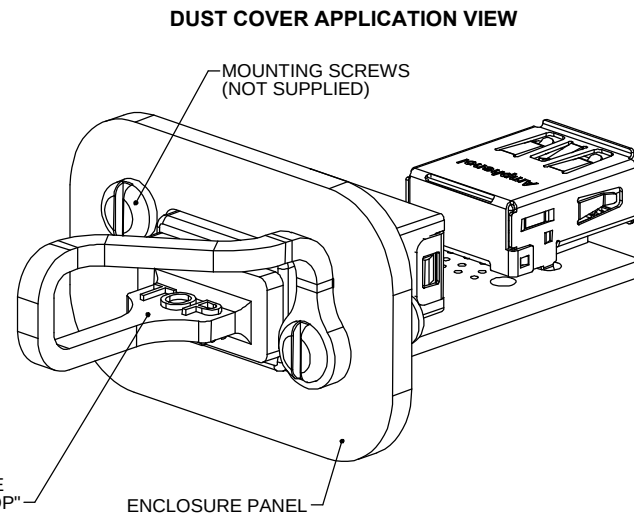
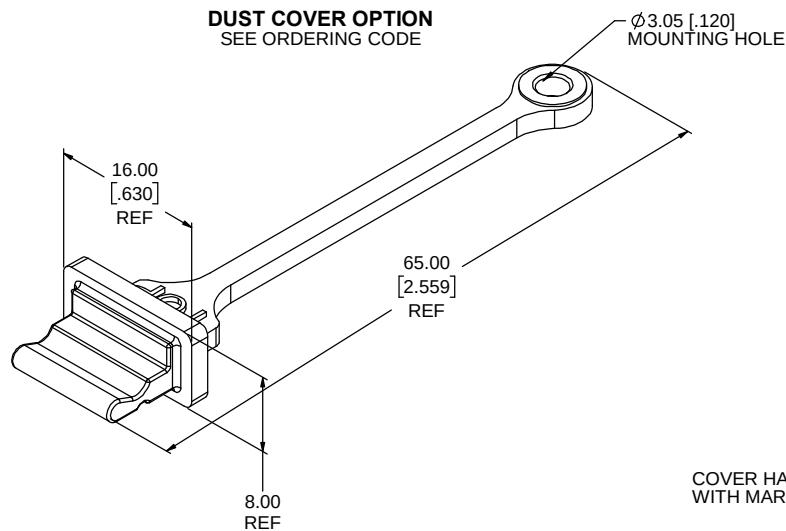
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE		DRAWN T.SEEBURRN	AUG15/17	Amphenol Canada Corp. www.amphenolcanada.com MUSB-R SERIES RUGGED USB 3.0, TYPE 'A' RECEPTACLE, RIGHT ANGLE, ON PCB WITH MATCHING USB CONNECTOR, THREAD & DUST COVER OPTIONS, RoHS COMPLIANT	
PRIMARY UNITS MILLIMETERS		CHECKED K.LAMBIE	AUG24/17		
SECONDARY INCHES		M.E. APP'D			
REFERENCE IN PARENTHESSES		Q.A. APP'D			
GENERAL TOLERANCES		DWG APPR.		DWG. NO. P-MUSB-R-3393-XX	
1 DECIMAL PLACE ±0.X		ENG. REL. NO.			
2 DECIMAL PLACES ±0.XX		REF. EAR 14582		SCALE 2:1	
3 DECIMAL PLACES ±0.XXX		THIRD ANGLE PROJECTION			
ANGULAR DEGREES ±0.XX°				SHEET 1 OF 2	

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING (EAR 14582)	AUG24/17	K.L.



RECOMMENDED PANEL CUTOUT
OUTSIDE VIEW OF PANEL



UNLESS SPECIFIED OTHERWISE	DRAWN T.SEEBURRUN	AUG15/17
PRIMARY UNITS MILLIMETERS	CHECKED K.LAMBIE	AUG24/17
SECONDARY INCHES	M.E. APP'D	
REFERENCE IN PARENTHESES	Q.A. APP'D	
GENERAL TOLERANCES	DWG APPR.	
1 DECIMAL PLACE ±0.X	ENG. REL. NO.	
2 DECIMAL PLACES ±0.XX	REF. EAR 14582	
3 DECIMAL PLACES ±0.XXX	THIRD ANGLE PROJECTION	
ANGULAR DEGREES ±0.XX°		

Amphenol Canada Corp. www.amphenolcanada.com		
MUSBR SERIES RUGGED USB 3.0, TYPE 'A' RECEPTACLE, RIGHT ANGLE, ON PCB WITH MATCHING USB CONNECTOR, THREAD & DUST COVER OPTIONS, ROHS COMPLIANT		
DWG. NO.	P-MUSBR-3393-XX	REV A
CODE ID NO. 03554	DWG SIZE: X	SCALE: 2:1
SHEET 2 OF 2		