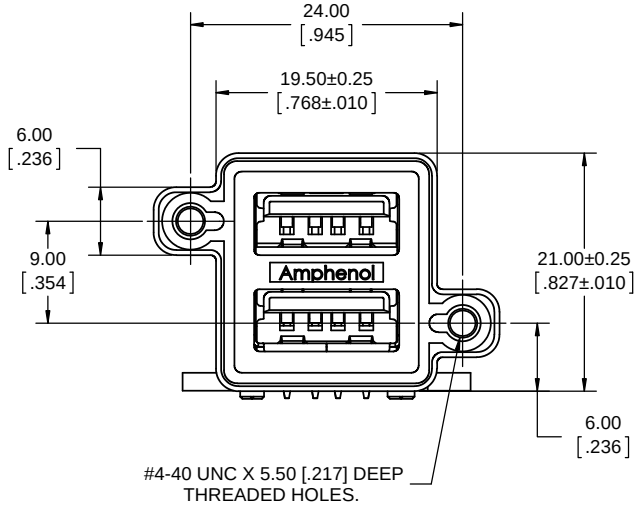
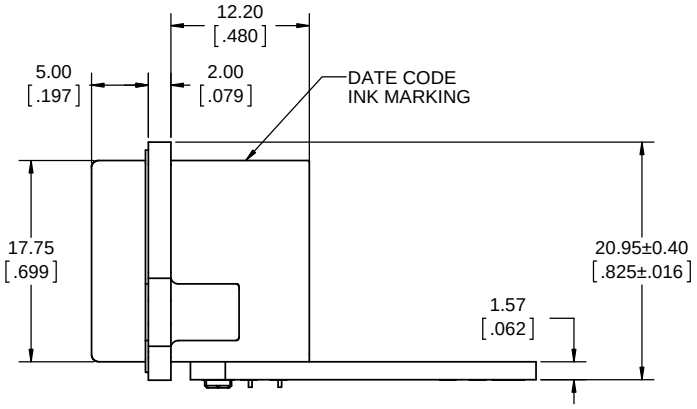
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING (EAR 14328)	NOV28/14	K.L.
B	PROPOSAL DRAWING (EAR 14328)	JAN27/15	K.L.



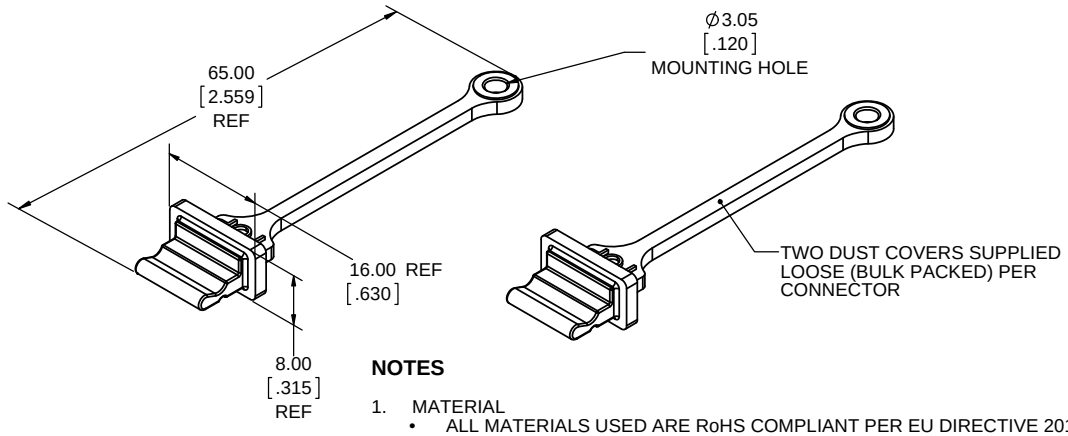


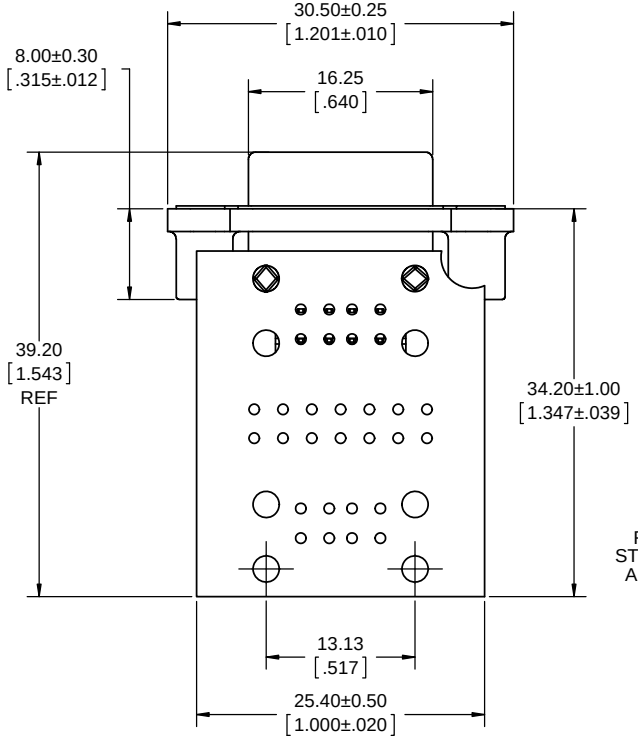
ORDERING CODE: M U S B - C A 1 1 - 0 0 2

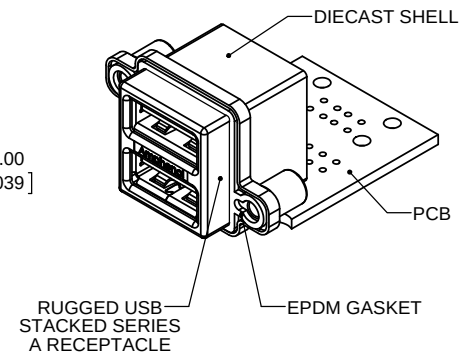
SERIES RUGGED USB

USB STACKED SERIES 'A'
RECEPTACLE, RIGHT ANGLE ON PCB

UNIQUE CONNECTOR
002 = MOUNTING HOLE: #4-40 UNC THREAD
EPDM CONDUCTIVE RUBBER GASKET
AND DUST COVER SUPPLIED







NOTES

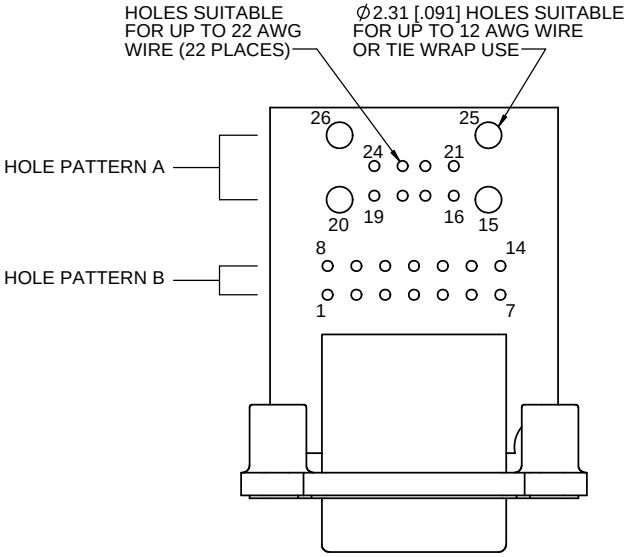
1. MATERIAL
   - ALL MATERIALS USED ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
   - OUTER SHELL - DIECAST ZINC ALLOY, NICKEL PLATED.
   - CONTACTS - PHOSPHOR BRONZE, PLATED WITH 0.76 MICRONS (30 MICROINCHES) GOLD OVER 1.27 MICRONS (50 MICROINCHES) MINIMUM NICKEL ON THE MATING AREA WITH MATTE TIN OVER NICKEL ON THE TAILS.
   - USB HOUSING - ENGINEERING THERMOPLASTIC, FLAMMABILITY RATING UL94V-0, BLACK.
   - USB SHIELD & BACK COVER - COPPER ALLOY, NICKEL PLATED.
   - GASKET - EPDM CONDUCTIVE RUBBER.
   - PCB - FR4 FIBREGLASS, LEAD FREE.
   - DUST COVER - SILICONE RUBBER, BLACK; WITH NICKEL PLATED BRASS BUSHING (TO ORDER SEPARATELY, SPECIFY P/N MUSB-2A111-024BP).
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: 70 MILLIOHMS MAXIMUM (SUBJECT TO VERIFICATION)
5. OPERATING TEMPERATURE: -40°C TO +105°C

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

UNLESS SPECIFIED OTHERWISE	DRAWN A.HUANG	NOV25/14	**Amphenol Canada Corp.** www.amphenolcanada.com
PRIMARY UNITS MILLIMETERS	CHECKED		MUSB TYPE A CONNECTOR, STACKED, ON PCB, #4-40 UNC THREAD, CONDUCTIVE EPDM GASKET, DUST COVERS, RoHS COMPLIANT
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR. K. LAMBIE	NOV28/14	
1 DECIMAL PLACE	ENG. REL. NO. EAR E14328		
2 DECIMAL PLACES ±0.15	REF.		DWG. NO. P-MUSB-CA11-002 REV B
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 DWG SIZE: X SCALE: 3:1 SHEET 1 OF 2
ANGULAR DEGREES			

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.

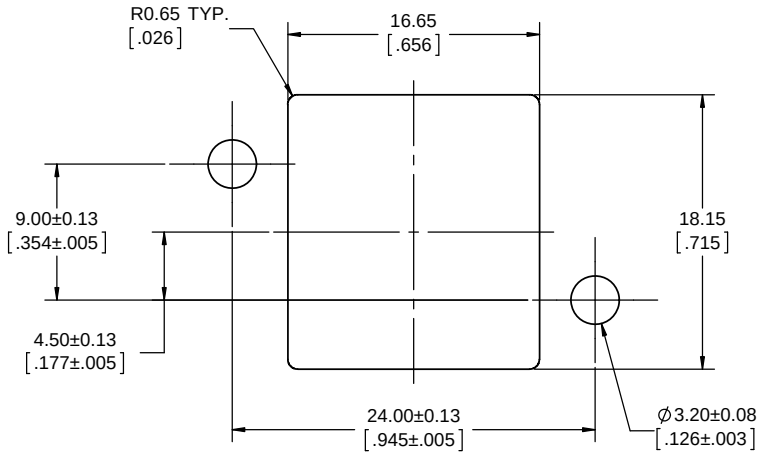
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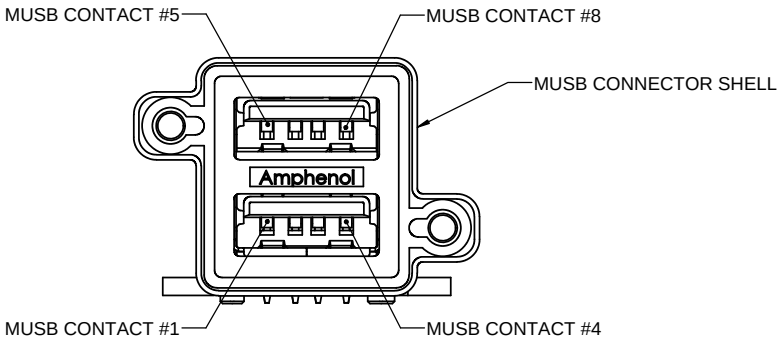
RUGGED USB TO PCB CONNECTION CHART

RUGGED USB RECEPTACLE	PCB HOLE PATTERN A	PCB HOLE PATTERN B
SHELL/GROUND	HOLE 1	HOLE 15, 20, 25 OR 26
CONTACT 1	HOLE 14	HOLE 21
CONTACT 2	HOLE 13	HOLE 22
CONTACT 3	HOLE 12	HOLE 23
CONTACT 4	HOLE 11	HOLE 24
CONTACT 5	HOLE 7	HOLE 16
CONTACT 6	HOLE 6	HOLE 17
CONTACT 7	HOLE 5	HOLE 18
CONTACT 8	HOLE 4	HOLE 19

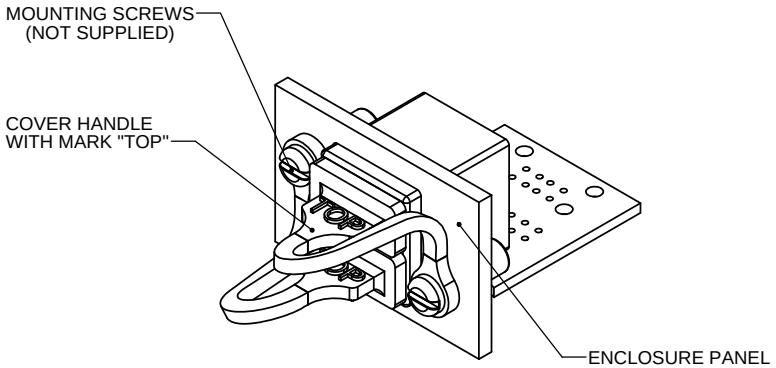
WIRES MAY BE CONNECTED TO HOLE PATTERN A OR B OR A COMBINATION OF THE TWO PATTERNS.



RECOMMENDED PANEL CUT OUT
OUTSIDE PANEL VIEW



MUSB CONTACT ASSIGNMENT



DUST COVER APPLICATION VIEW

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

UNLESS SPECIFIED OTHERWISE	DRAWN A.HUANG	NOV25/14	**Amphenol Canada Corp.** www.amphenolcanada.com
PRIMARY UNITS MILLIMETERS	CHECKED		MUSB TYPE A CONNECTOR, STACKED, ON PCB, #4-40 UNC THREAD, CONDUCTIVE EPDM GASKET, DUST COVERS, RoHS COMPLIANT
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2 DECIMAL PLACES ±0.15	REF.		DWG. NO. P-MUSB-CA11-002 REV B
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 DWG SIZE: X SCALE: 3:1 SHEET 2 OF 2
ANGULAR DEGREES			

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