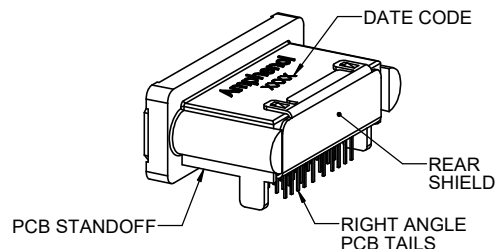
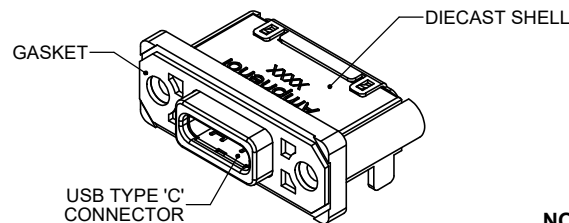
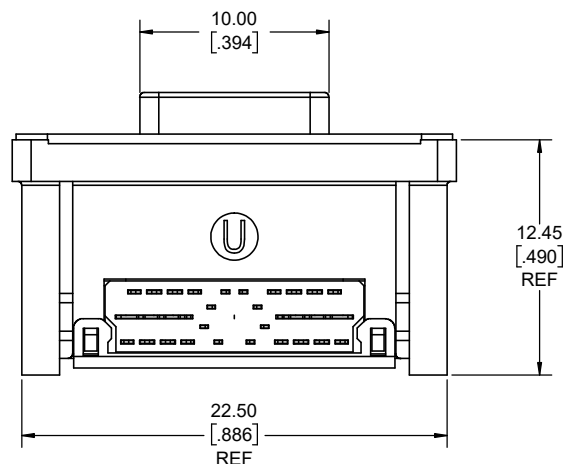
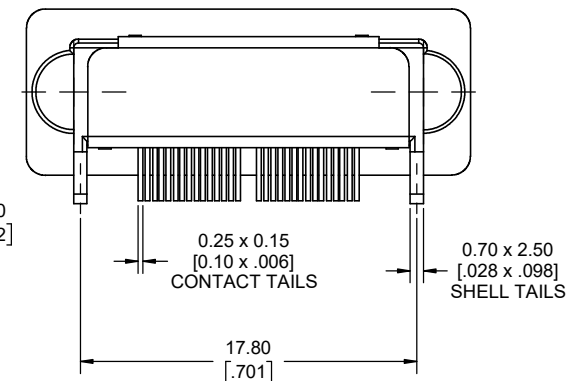
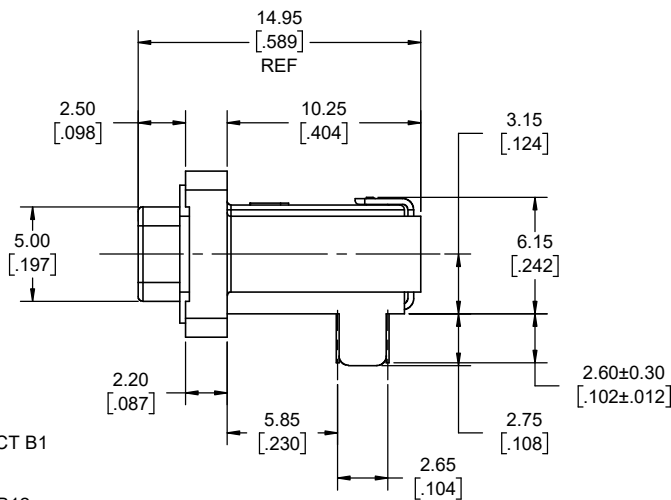
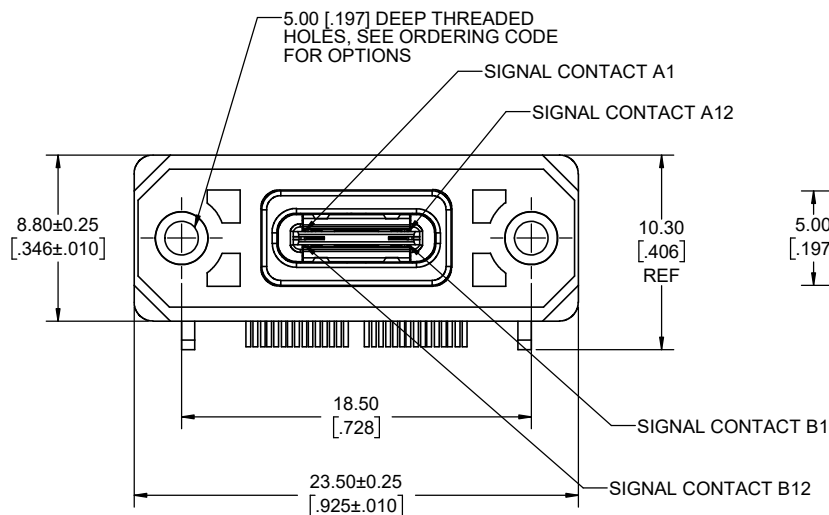


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PRODUCT DRAWING (EAR 15293)	JUL18/23	E.Q.



ORDERING CODE: **MUSBR-M1C1-302**

SERIES, RUGGED USB

USB TYPE 'C' RECEPTACLE, SINGLE PORT, RIGHT ANGLE PCB TAILS, 24 CONTACTS

MOUNTING HOLE THREAD OPTION:
3 = #2-56 UNC THREAD

DUST COVER OPTION
0 = NO DUST COVER SUPPLIED

WITH EPOXY ON REAR OF CONTACT FOR SEALING

NOTES:

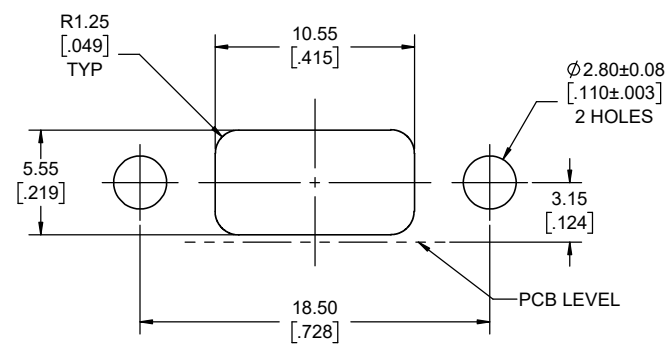
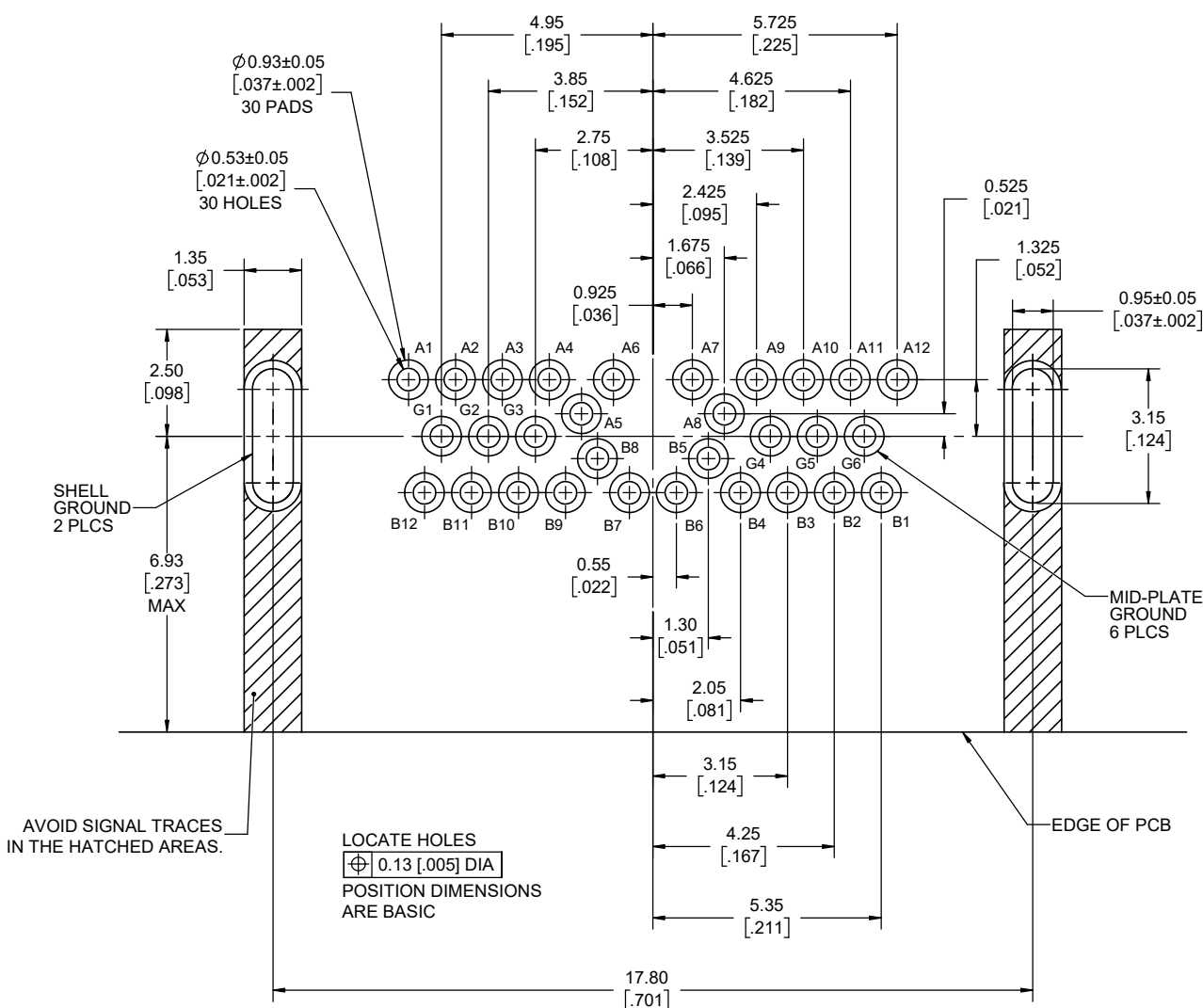
- MATERIAL:**
ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS
 - OUTER SHELL: DIECAST ZINC ALLOY, MATTE TIN OVER NICKEL PLATING
 - CONTACTS: COPPER ALLOY, PLATED WITH 0.76µm [30µ"] MINIMUM GOLD OVER 1.27µm [50µ"] MINIMUM NICKEL ON THE MATING AREA WITH MATTE TIN OVER NICKEL ON THE TAILS
 - USB HOUSING: ENGINEERING THERMOPLASTIC, HIGH TEMPERATURE RESISTANT, FLAMMABILITY RATING UL94V-0, BLACK
 - USB SHIELD: STAINLESS STEEL, PASSIVATED
 - REAR COVER: STAINLESS STEEL, PASSIVATED
 - GASKET: CONDUCTIVE SILICONE RUBBER, BLACK
- 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.
- CURRENT RATING: COLLECTIVELY 5A MAX. FOR PINS A4, A9, B4, & B9 PLUS 1.25A MAX. FOR PIN B5 WITH RETURN PATH SHARED THROUGH PINS A1, A12, B1 & B12. ADDITIONAL POSITIONS 0.25A MAX. EACH.
- CONTACT RESISTANCE: 40 MILLIOHMS MAXIMUM INITIAL.
- OPERATING TEMPERATURE: -40°C TO +105°C.



UNLESS SPECIFIED OTHERWISE	DRAWN	B.HU	JUL17/23
PRIMARY UNITS MILLIMETERS	CHECKED		
SECONDARY UNITS INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	O.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	E.Q.	JUL18/23
1 DECIMAL PLACE	ENG. REL. NO.	EAR 15293	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES ±0.05			
ANGULAR DEGREES	THIRD ANGLE PROJECTION		

Amphenol Canada Corp. Commercial Products			
RUGGED USB TYPE 'C' RECEPTACLE, RIGHT ANGLE, PCB MOUNT, WITH EPOXY ON REAR OF CONTACT, RoHS COMPLIANT			
DWG. NO.	P-MUSBR-M1C1-302		REV A
CODE ID NO. 03554	DWG SIZE: X	SCALE: 5:1	SHEET 1 OF 2

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PRODUCT DRAWING (EAR 15293)	JUL18/23	E.Q.



RECOMMENDED PANEL CUTOUT
OUTSIDE VIEW OF PANEL

AVOID SIGNAL TRACES
IN THE HATCHED AREAS.

LOCATE HOLES
⊕ 0.13 [0.005] DIA
POSITION DIMENSIONS
ARE BASIC

EDGE OF PCB

RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD



UNLESS SPECIFIED OTHERWISE		DRAWN	B.HU	JUL17/23	Amphenol Canada Corp. Commercial Products RUGGED USB TYPE 'C' RECEPTACLE, RIGHT ANGLE, PCB MOUNT, WITH EPOXY ON REAR OF CONTACT, RoHS COMPLIANT	
PRIMARY UNITS MILLIMETERS		CHECKED				
SECONDARY INCHES		M.E. APP'D				
REFERENCE IN PARENTHESES		Q.A. APP'D				
GENERAL TOLERANCES		DWG APPR.	E.Q.	JUL18/23	DWG. NO. P-MUSBR-M1C1-302 CODE ID NO. 03554 DWG SIZE: X SCALE: 5:1 SHEET 2 OF 2	REV A
1 DECIMAL PLACE		ENG. REL. NO.		EAR 15293		
2 DECIMAL PLACES		REF.				
3 DECIMAL PLACES		THIRD ANGLE PROJECTION				
ANGULAR DEGREES		DO NOT SCALE DRAWING				

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