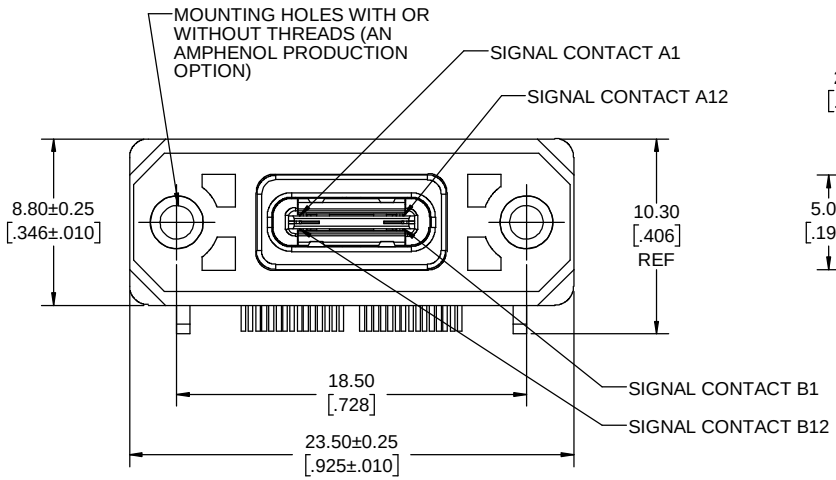
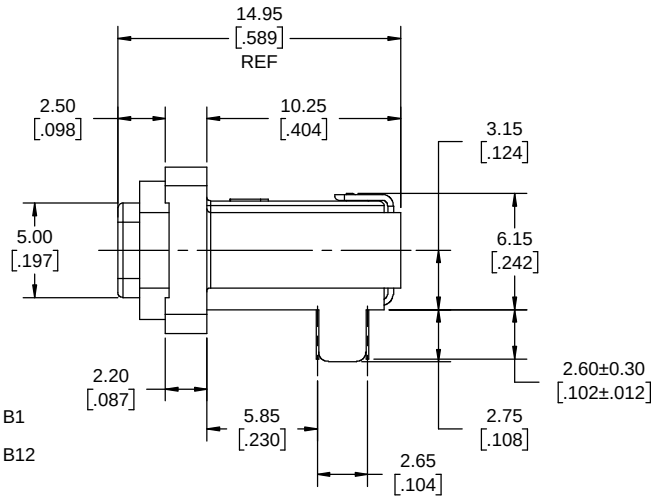
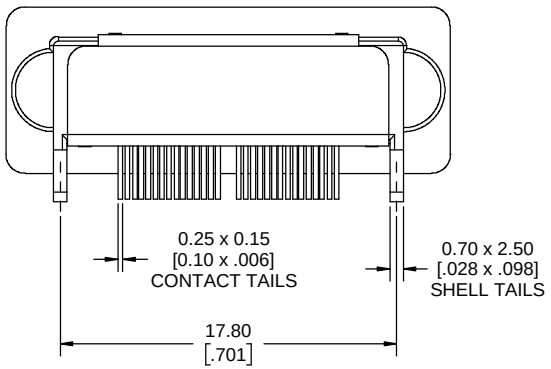
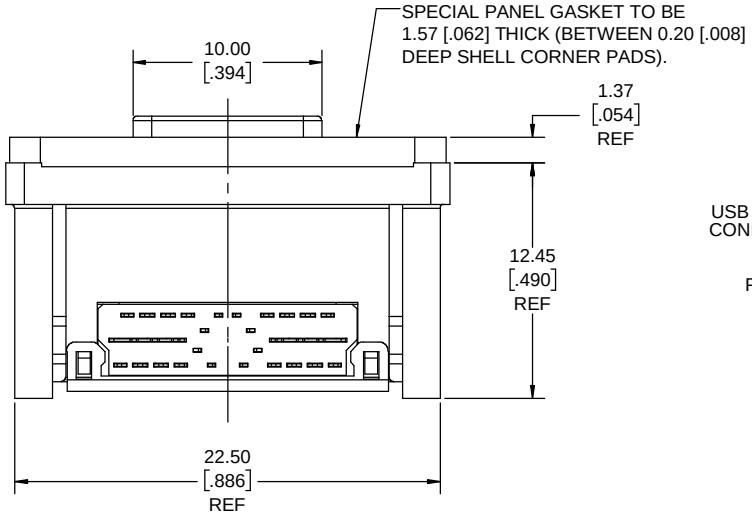
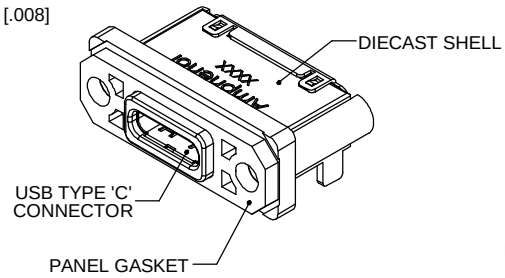
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING EAR 14900	NOV20/20	K.L.
B	PROPOSAL DRAWING EAR 14900	DEC08/20	K.L.

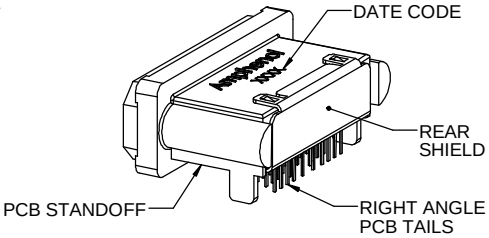












ORDERING CODE: M U S B R - M 1 C 1 - M 0 6

SERIES, RUGGED USB

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

MOUNTING HOLE THREAD
M = SEE UNIQUE SPECIAL CODE

DUST COVER OPTION
0 = NO DUST COVER SUPPLIED

UNIQUE SPECIAL CODE
6 = NON-CONDUCTIVE 1.57 [.062] THICK SPECIAL PANEL GASKET, MOUNTING HOLE THREADS ARE NOT REQUIRED

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 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 - NON-CONDUCTIVE SILICONE RUBBER, BLACK, 50 SHORE A DUROMETER
2. ENVIRONMENTAL PERFORMANCE PER IEC 60529 CODE IP67 FOR SEAL BETWEEN MATING AREA AND PCB SIDE OF CONNECTOR. SINCE THE MOUNTING HOLES ARE NOT BEING USED, THE CUSTOMER TO USE AN ALTERNATE MEANS TO PROVIDE PRESSURE BETWEEN THEIR PANEL AND THE PANEL GASKET TO ACHIEVE THE SEAL AROUND THE PERIMETER OF THE PANEL CUTOUT.
3. 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.
4. CONTACT RESISTANCE: 40 MILLIOHMS MAXIMUM INITIAL.
5. OPERATING TEMPERATURE: -40°C TO +105°C.

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UNLESS SPECIFIED OTHERWISE	DRAWN	J. BRAR	NOV18/20
PRIMARY UNITS MILLIMETERS	CHECKED	K.LAMBIE	NOV20/20
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14900	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES ±0.05	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	
ANGULAR DEGREES			

Amphenol Canada Corp.
Commercial Products

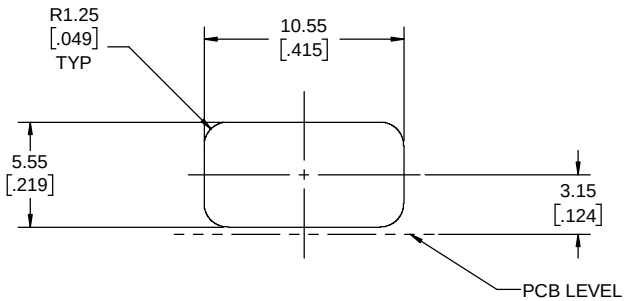
RUGGED USB TYPE 'C' RECEPTACLE, RIGHT ANGLE, PCB MOUNT, SPECIAL THREAD & PANEL GASKET REQUIREMENTS, RoHS COMPLIANT

DWG. NO.	REV
P-MUSBR-M1C1-M06	B

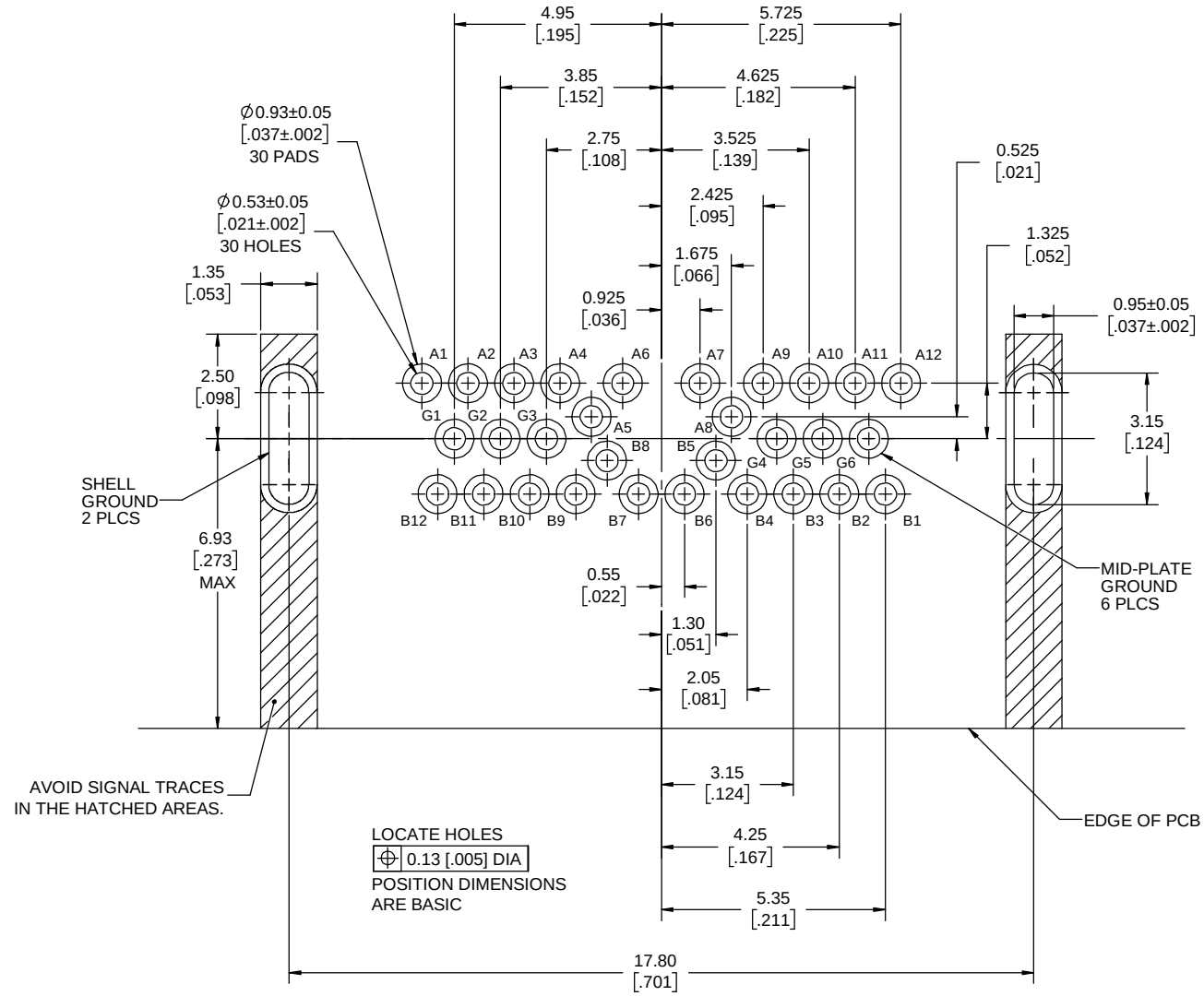
CODE ID NO. 03554 | DWG SIZE: X | SCALE: 5:1 | SHEET 1 OF 2

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REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING EAR 14900	NOV20/20	K.L.
B	PROPOSAL DRAWING EAR 14900	DEC08/20	K.L.



RECOMMENDED PANEL CUTOUT
OUTSIDE VIEW OF PANEL



RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD
SCALE 12:1

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

UNLESS SPECIFIED OTHERWISE	DRAWN J. BRAR	NOV18/20	Amphenol Canada Corp. Commercial Products
PRIMARY UNITS MILLIMETERS	CHECKED K.LAMBIE	NOV20/20	RUGGED USB TYPE 'C' RECEPTACLE, RIGHT ANGLE, PCB MOUNT, SPECIAL THREAD & PANEL GASKET REQUIREMENTS, RoHS COMPLIANT
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO. EAR 14900		
2 DECIMAL PLACES ±0.15	REF.		DWG. NO. P-MUSBR-M1C1-M06 REV B
3 DECIMAL PLACES ±0.05	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 DWG SIZE: X SCALE: 5:1 SHEET 2 OF 2
ANGULAR DEGREES			

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