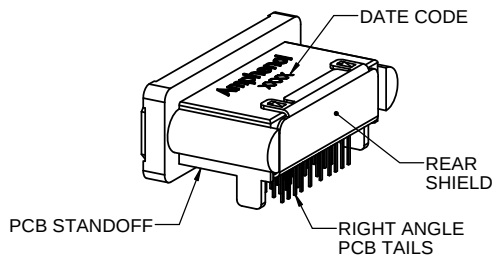
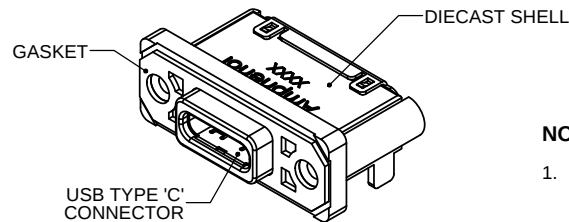
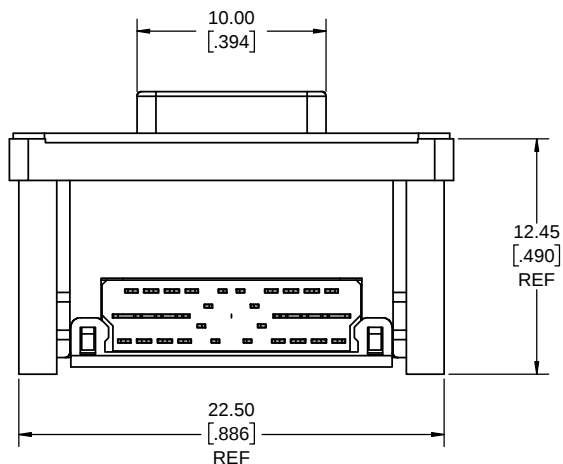
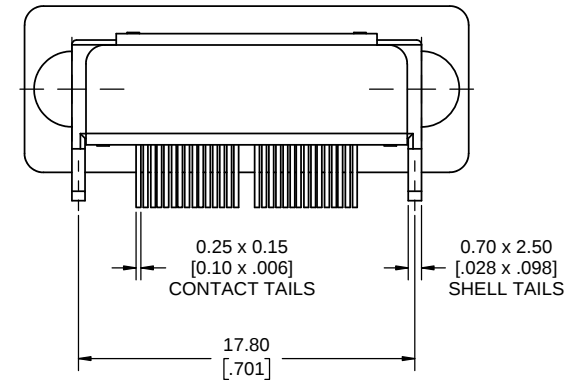
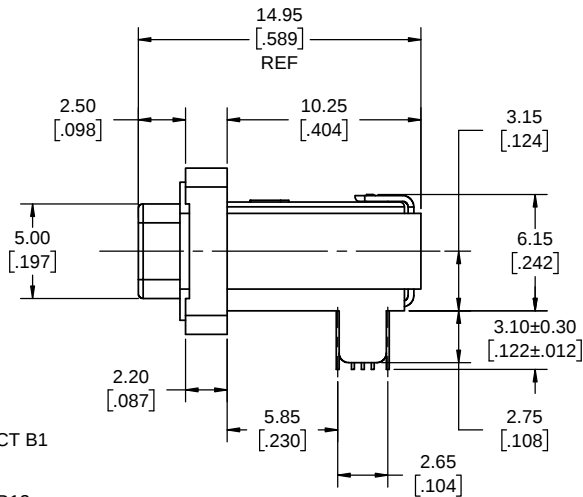
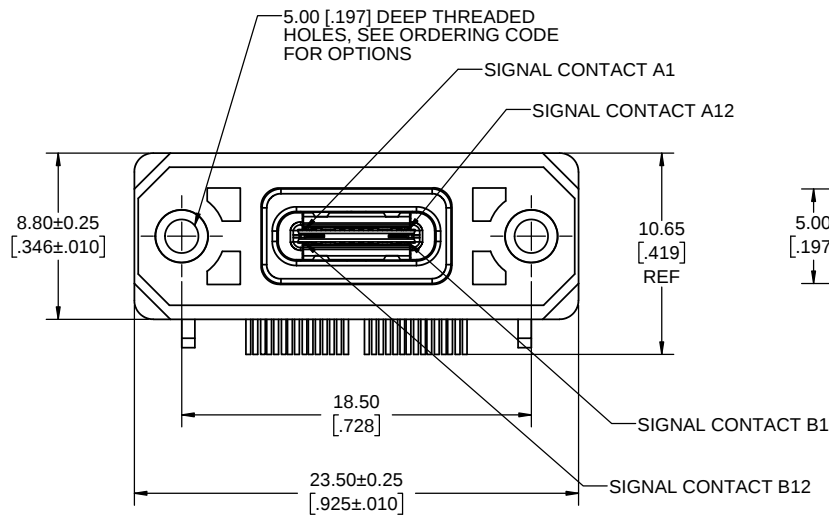


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APPD
C	PROPOSAL DRAWING EAR 14368	SEP16/15	K.L.
D	PRODUCT DRAWING EAR 14608	SEP20/17	K.L.



ORDERING CODE: M U S B R - M 1 C 1 - X X

SERIES, RUGGED USB

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

MOUNTING HOLE THREAD OPTION:
3 = #2-56 UNC THREAD
M = M2.5 X 0.45 THREAD

DUST COVER OPTION
0 = NO DUST COVER SUPPLIED
1 = WITH GREY DUST COVER SUPPLIED
5 = WITH BLACK DUST COVER SUPPLIED
SEE SHEET 2 FOR DUST COVER VIEWS

NOTES:

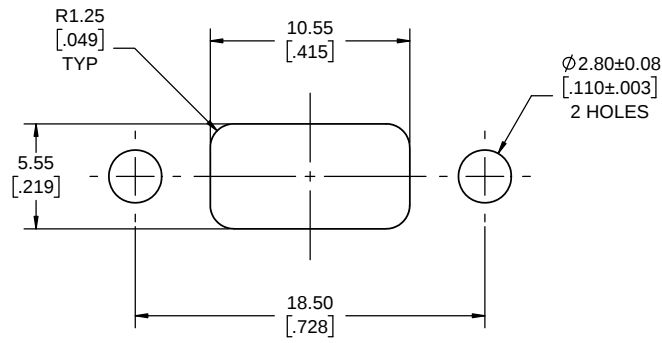
- MATERIAL:
ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS
 - OUTER SHELL: DIECAST ZINC ALLOY, MATTE TIN OVER NICKEL PLATING
 - CONTACTS: COPPER ALLOY, PLATED WITH 0.76µm [30µ"] MINIMUM GOLD OVER 1.27µm [50µ"] MINIMUM NICKEL ON THE MATING AREA WITH MATTE TIN OVER NICKEL ON 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
 - DUST COVER - SILICONE RUBBER WITH NICKEL PLATED BRASS BUSHING. SEE ORDERING CODE FOR COLOUR OPTION.
- 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.
- DUST COVERS MAY BE ORDERED SEPARATELY. SPECIFY
 - PART NUMBER MUSBR-2M5C-004BP FOR GREY COVER OR
 - PART NUMBER MUSBR-2M5C-014BP FOR BLACK COVER



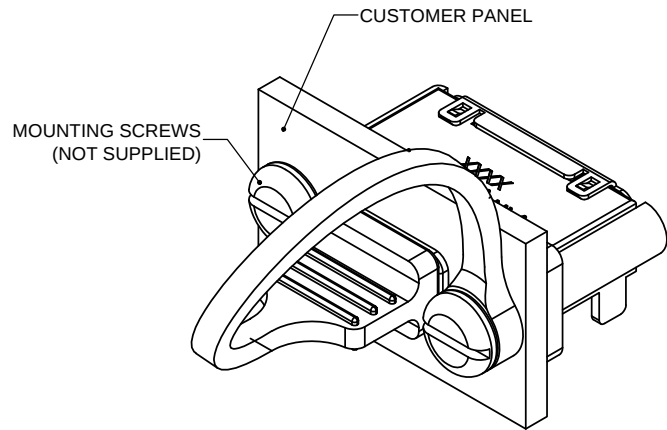
UNLESS SPECIFIED OTHERWISE	DRAWN	M. PAHULJE	MAY07/15
PRIMARY UNITS MILLIMETERS	CHECKED		
SECONDARY INCHES	M.E. APPD		
REFERENCE IN PARENTHESES	Q.A. APPD		
GENERAL TOLERANCES	DWG APPR.	K. LAMBIE	MAY14/15
1 DECIMAL PLACE	ENG. REL. NO.		
2 DECIMAL PLACES ±0.15	REF.	EAR 14368	
3 DECIMAL PLACES ±0.05	THIRD ANGLE PROJECTION		
ANGULAR DEGREES			

Amphenol Canada Corp. www.amphenolcanada.com			
RUGGED USB TYPE 'C' RECEPTACLE, RIGHT ANGLE, PCB MOUNT, RoHS COMPLIANT			
DWG. NO.	P-MUSBR-M1C1-XX		REV D
CODE ID NO.	03554	DWG SIZE: X	SCALE: 5:1
SHEET 1 OF 2			

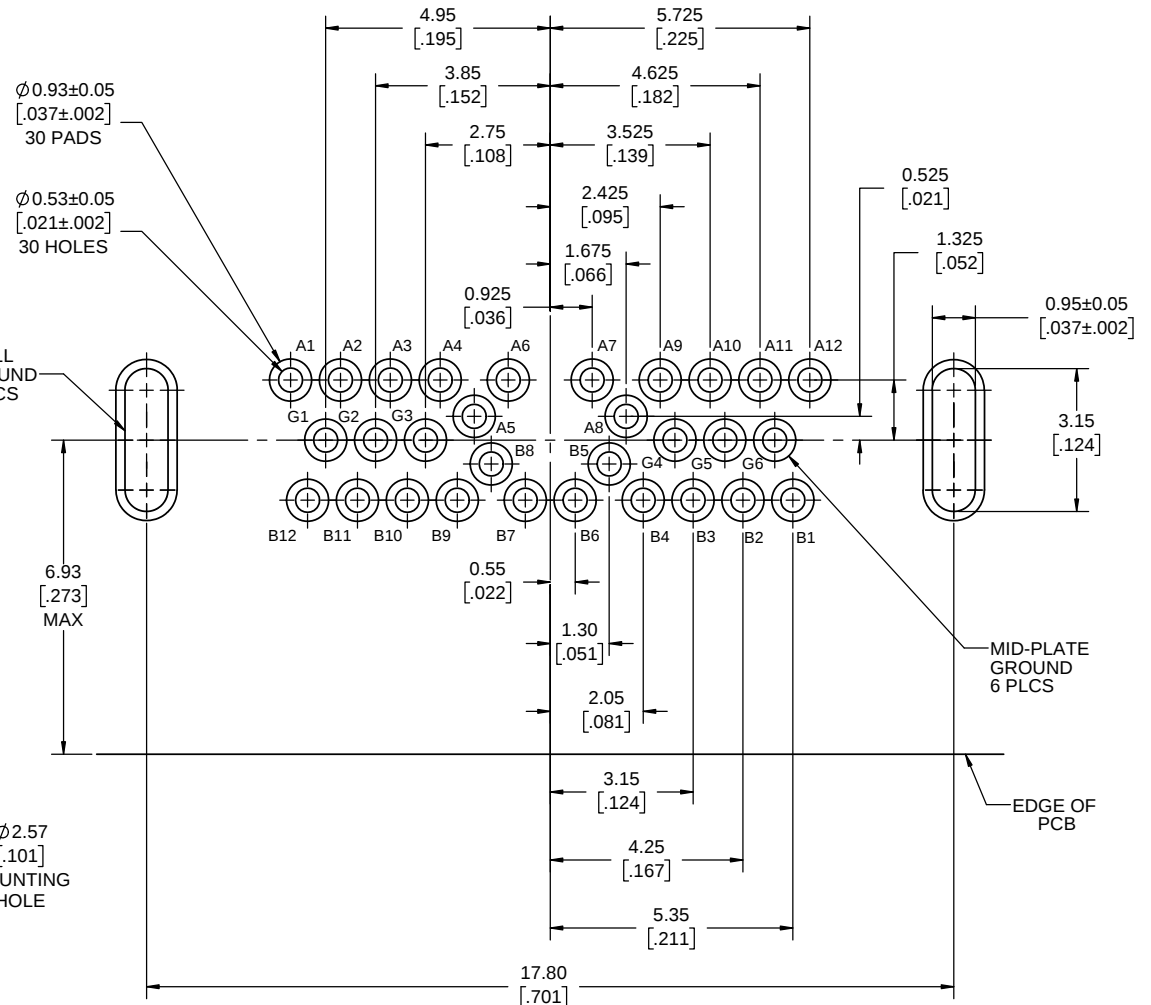
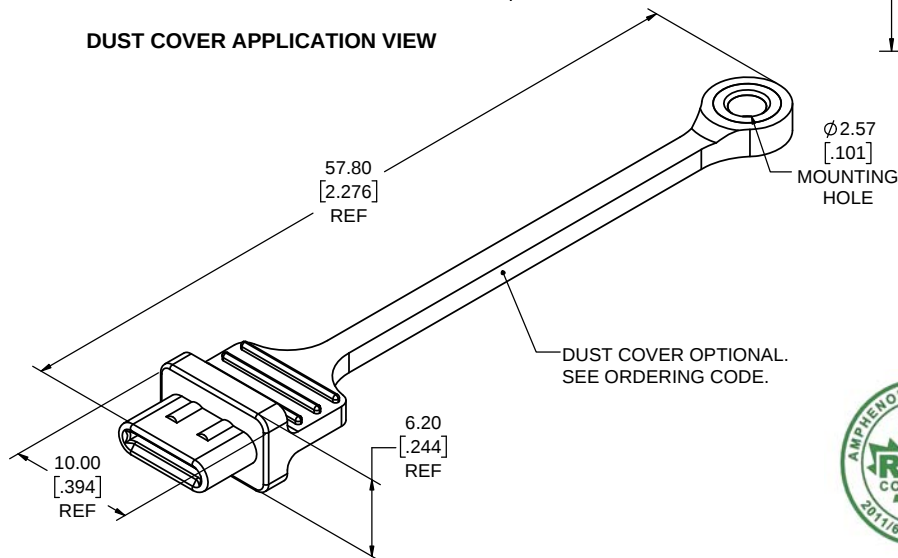
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APPD
C	PROPOSAL DRAWING EAR 14368	SEP16/15	K.L.
D	PRODUCT DRAWING EAR 14608	SEP20/17	K.L.



RECOMMENDED PANEL CUTOUT
OUTSIDE VIEW OF PANEL



DUST COVER APPLICATION VIEW



RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD

UNLESS SPECIFIED OTHERWISE		DRAWN	M. PAHULJE	MAY07/15
PRIMARY UNITS	MILLIMETERS	CHECKED		
SECONDARY	INCHES	M.E. APPD		
REFERENCE IN PARENTHESES		Q.A. APPD		
GENERAL TOLERANCES		DWG APPR.	K. LAMBIE	MAY14/15
1 DECIMAL PLACE		ENG. REL. NO.		
2 DECIMAL PLACES ±0.15		REF.	EAR 14368	
3 DECIMAL PLACES ±0.05		THIRD ANGLE PROJECTION		
ANGULAR DEGREES				

Amphenol Canada Corp. www.amphenolcanada.com			
RUGGED USB TYPE 'C' RECEPTACLE, RIGHT ANGLE, PCB MOUNT, RoHS COMPLIANT			
DWG. NO.			REV D
P-MUSBR-M1C1-XX			
CODE ID NO.	03554	DWG SIZE: X	SCALE: 5:1
SHEET 2 OF 2			