



**JACK COMPONENTS
AS SUPPLIED**
MSPE-J6P2-B02
TRAY PACKAGED

NOTES:

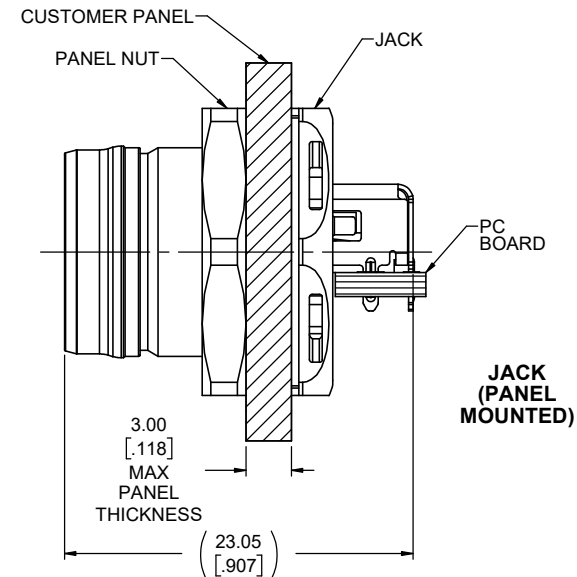
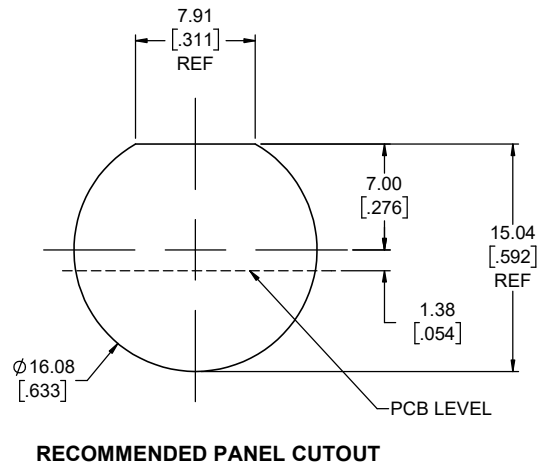
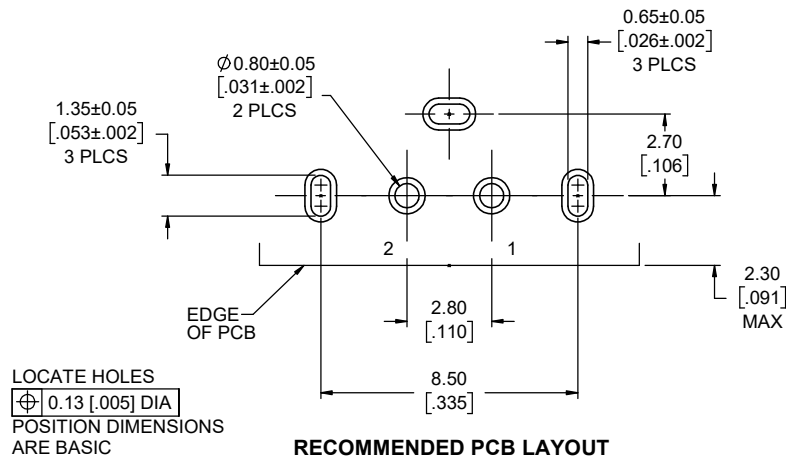
- MATERIALS: ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
 - HOUSING: DIECAST ZINC ALLOY PLATED WITH NICKEL OVER COPPER
 - INSERTS: ENGINEERING THERMOPLASTIC, UL94V-0 FLAMMABILITY RATING, COLOUR: BLACK
 - EMI SHIELD & REAR SHIELD: STAINLESS STEEL PLATED WITH MATTE TIN OVER NICKEL
 - CONTACTS: COPPER ALLOY PLATED WITH NICKEL OVERALL, 0.76µm (30µ") GOLD ON THE MATING AREA, AND MATTE TIN ON THE TAILS
 - PANEL GASKET : SILICONE RUBBER, COLOUR: BLACK
 - PANEL NUT: BRASS ALLOY PLATED WITH NICKEL
- DESIGNED IN ACCORDANCE WITH IEC STANDARD 63171-6 & 61076-2-010. COMPATIBLE WITH:
 - IEEE 802.3cg, 10BASE-T1L & -T1S
 - IEEE 802.3bw, 100BASE-T1
 - IEEE 802.3bp, 1000BASE-T1
 - IEEE 802.3bu, POWER OVER DATA LINES (PoDL)
- ENVIRONMENTAL CHARACTERISTICS:
 - OPERATING TEMPERATURE: -40°C TO +85°C
 - IP67 RATED PERFORMANCE PER IEC 60529 IN MATED CONDITION
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 4A
 - VOLTAGE RATING: 60VDC MAX
 - CONTACT RESISTANCE: 20mΩ MAX
 - DIELECTRIC WITHSTANDING VOLTAGE:
 - 1000VDC CONTACT TO CONTACT
 - 2250 VDC CONTACT TO SHIELD

AMPHENOL P/N: MSPE-J6P2-B02

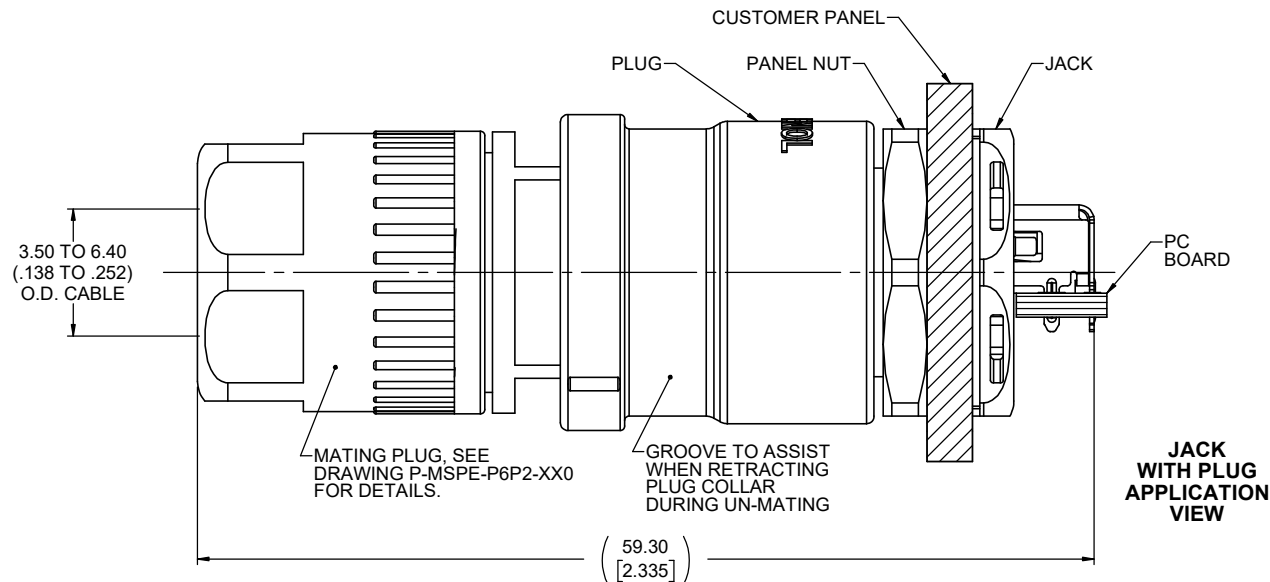
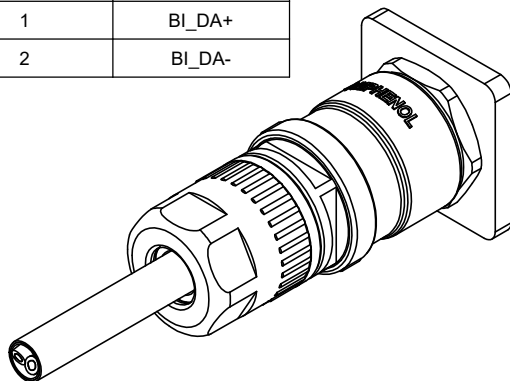
UNLESS SPECIFIED OTHERWISE		DRAWN		T. TRAN		OCT07/21		Amphenol Canada Corp. Commercial Products									
PRIMARY UNITS MILLIMETRES		CHECKED		K. LAMBIE		DEC14/21											
SECONDARY				M.E. APP'D				MSPE SERIES, SINGLE PAIR ETHERNET, IP67 JACK, PUSH/PULL, RIGHT ANGLE PCB TERMINATION, RoHS COMPLIANT									
REFERENCE IN PARENTHESES				Q.A. APP'D													
GENERAL TOLERANCES				DWG APPR.				DWG. NO.									
1 DECIMAL PLACE				ENG. REL. NO.		EAR 15028											
2 DECIMAL PLACES				REF.				P-MSPE-J6P2-B02									
3 DECIMAL PLACES				THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING											
ANGULAR DEGREES								CODE ID NO. 03554		DWG SIZE: X		SCALE: 4:1		SHEET 1 OF 2		REV A	

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REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PRODUCT DRAWING (EAR 15028)	DEC14/21	K.L.



CONTACT POSITION	SIGNAL PER IEC 63171-6
1	BI_DA+
2	BI_DA-



PUSH / PULL FUNCTION

MATING

- ALIGN MATING AREA
- PUSH PLUG TO ENGAGE LATCH TO JACK

UN-MATING

- PULL FRONT PLUG COLLAR BACK APPROXIMATELY 1.2mm (.05") TO DIS-ENGAGE LATCH
- PULL PLUG TO UN-MATE FROM JACK



UNLESS SPECIFIED OTHERWISE		DRAWN	T. TRAN	OCT07/21
PRIMARY UNITS	MILLIMETRES	CHECKED	K. LAMBIE	DEC14/21
SECONDARY	INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES		Q.A. APP'D		
GENERAL TOLERANCES		DWG APPR.		
1 DECIMAL PLACE		ENG. REL. NO.	EAR 15028	
2 DECIMAL PLACES		REF.		
3 DECIMAL PLACES		THIRD ANGLE PROJECTION		
ANGULAR DEGREES		DO NOT SCALE DRAWING		

Amphenol Canada Corp. Commercial Products			
MSPE SERIES, SINGLE PAIR ETHERNET, IP67 JACK, PUSH/PULL, RIGHT ANGLE PCB TERMINATION, RoHS COMPLIANT			
DWG. NO.		REV	
P-MSPE-J6P2-B02		A	
CODE ID NO. 03554	DWG SIZE: X	SCALE: 4:1	SHEET 2 OF 2