

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	PROPOSAL DRAWING (EAR 14575)	SEP28/17	A.G.
C	UPDATING COMMON TERMINOLOGY	MAY18/18	A.G.

NOTES:

- MATERIAL: ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU  
HOUSING: THERMOPLASTIC PBT, UL FLAMMABILITY RATING 94V-0, BLACK  
CONTACT: COPPER ALLOY PLATED WITH GOLD FLASH OVER NICKEL  
DUST CAP: SILICONE RUBBER, BLACK  
FRONT HOUSING: ZINC ALLOY PLATED WITH CHROME OR THERMOPLASTIC PBT, SEE BELOW TABLE  
HEX NUT: STEEL PLATED WITH NICKEL OR THERMOPLASTIC PBT, SEE BELOW TABLE
- ELECTRICAL CHARACTERISTICS:  
CURRENT RATING: 10A  
OPERATING VOLTAGE: 500V AC MAXIMUM  
DIELECTRIC WITHSTANDING VOLTAGE: 2500V DC  
CONTACT RESISTANCE: 5.0mΩ MAXIMUM.
- RECOMMENDED PANEL THICKNESS: 2.5 (0.098) TO 3.0 (0.118).
- ENVIRONMENTAL PROTECTION: IP67 PER IEC 60529 IN THE MATED CONDITION.

ORDERING CODE: M R D - B X 0 4 - L 1 3 - 0 0 0

SERIES

CONTACT SIZE & MECHANISM

B=1.5mm & LATCH LOCK

HOUSING ORIENTATION & CONTACT TYPE

G=FEMALE METAL HOUSING & PIN CONTACT

J=FEMALE PLASTIC HOUSING & PIN CONTACT

NUMBER OF CONTACTS

04=FOUR CONTACTS

SPECIALS

000=STANDARD

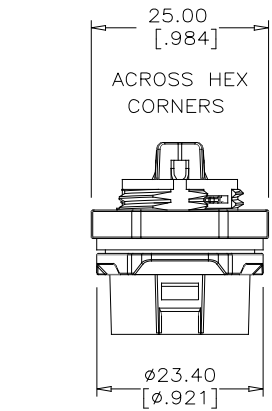
MOUNTING/COVER OPTIONS

3= PANEL MOUNT WITH DUST COVER

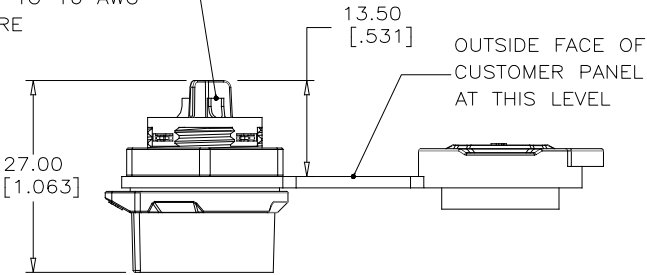
CONTACT TERMINATION TYPE

L1=SOLDER CUP

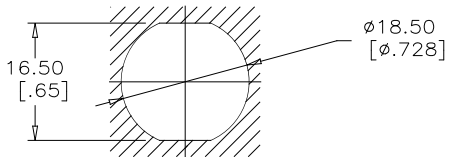
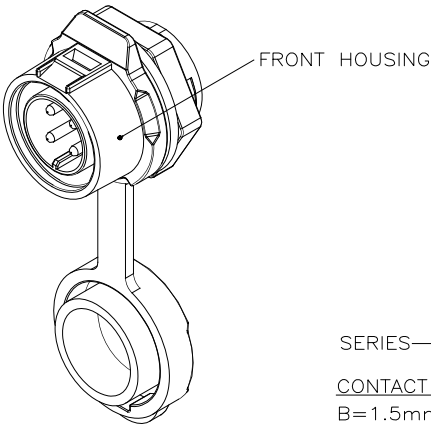
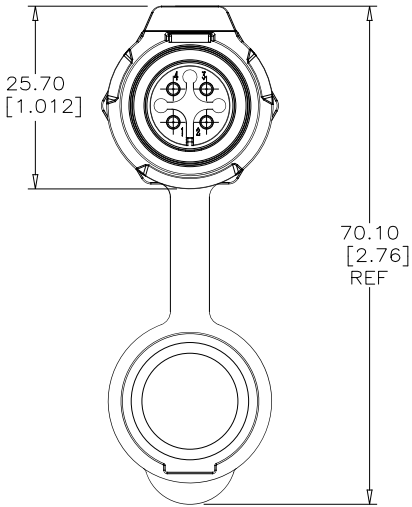
CONNECTOR PART NUMBER	FRONT HOUSING MATERIAL	HEX NUT MATERIAL
MRD-BG04-L13-000	ZINC / CHROME	STEEL / NICKEL
MRD-BJ04-L13-000	PBT	PBT



SOLDER CUP ACCEPTS UP TO 16 AWG WIRE



OUTSIDE FACE OF CUSTOMER PANEL AT THIS LEVEL



RECOMMENDED PANEL HOLE



UNLESS SPECIFIED OTHERWISE	DRAWN K.XIONG	SEP28/17
PRIMARY UNITS MILLIMETERS	CHECKED K.LAMBIE	MAR14/18
SECONDARY INCHES	M.E. APP'D	
REFERENCE IN PARENTHESES	Q.A. APP'D	
GENERAL TOLERANCES	DWG APP'D A.GREEN	MAR14/18
1 DECIMAL PLACE ±0.25	ENG. REL. NO.	
2 DECIMAL PLACES ±0.15	REF. EAR 14575	
3 DECIMAL PLACES ±0.05	THIRD ANGLE PROJECTION	
ANGULAR DEGREES	DO NOT SCALE DRAWING	

Amphenol Canada Corp.  
Commercial Products

MRD SERIES RUGGED CONNECTOR,  
FEMALE WITH 4 PIN CONTACTS,  
LATCH LOCK, PANEL MOUNT WITH DUST  
COVER, IP67 RATING, RoHS COMPLIANT

DWG NO.	P-MRD-BX04-L13-000	REV C
CODE ID NO. 03554	DWG SIZE X	SCALE XX:1
SHEET 1	OF 1	