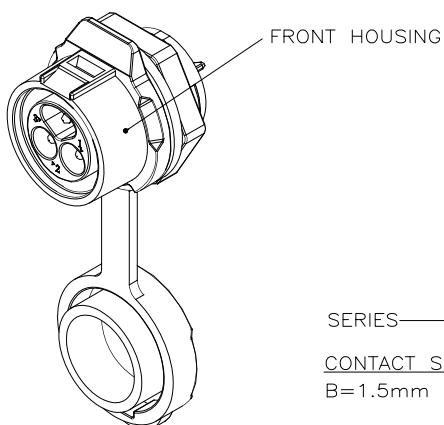
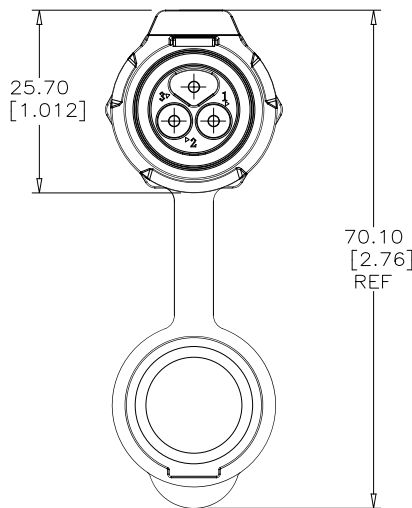
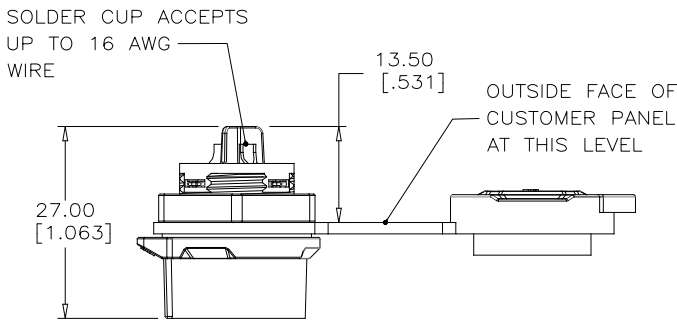
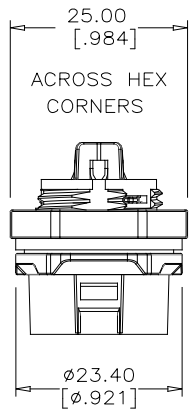


- NOTES:
- MATERIAL: ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU  
HOUSING: THERMOPLASTIC PBT, UL FLAMMABILITY RATING 94V-0, BLACK  
CONTACT: COPPER ALLOY PLATED WITH GOLD FLASH OVER NICKEL  
DUST CAP: SILICONE RUBBER, BLACK  
FRONT HOUSING: ZINC ALLOY PLATED WITH CHROME OR THERMOPLASTIC 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: MRD-BX03-L13-000

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  
03=THREE 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-BG03-L13-000      | ZINC / CHROME          | STEEL / NICKEL   |
| MRD-BJ03-L13-000      | PBT                    | PBT              |

|                            |                        |                      |
|----------------------------|------------------------|----------------------|
| 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 | DO NOT SCALE DRAWING |
| ANGULAR DEGREES            |                        |                      |

|                                                                                                                               |                    |            |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------|------------|
| Amphenol Canada Corp.<br>Commercial Products                                                                                  |                    |            |
| MRD SERIES RUGGED CONNECTOR, FEMALE WITH 3 PIN CONTACTS, LATCH LOCK, PANEL MOUNT WITH DUST COVER, IP67 RATING, RoHS COMPLIANT |                    |            |
| DWG NO.                                                                                                                       | P-MRD-BX03-L13-000 | REV C      |
| CODE ID NO. 03554                                                                                                             | DWG SIZE X         | SCALE XX:1 |
| SHEET 1 OF 1                                                                                                                  |                    |            |