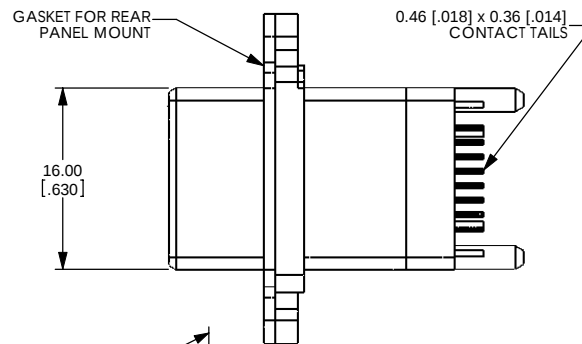
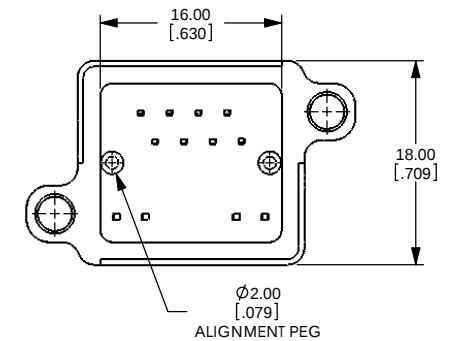
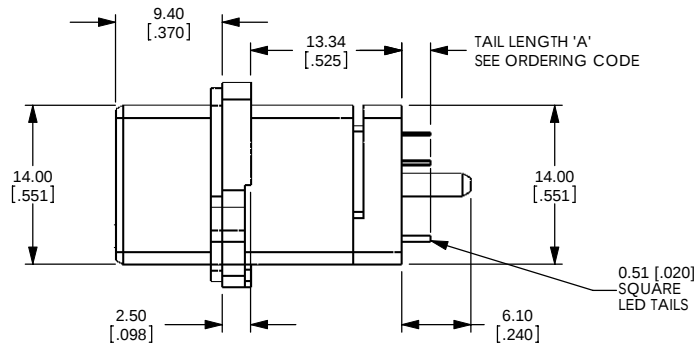
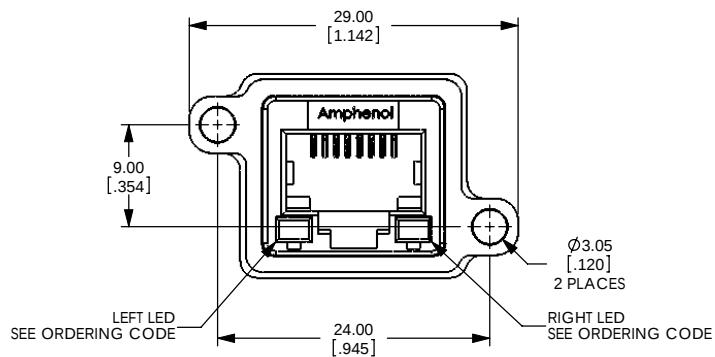
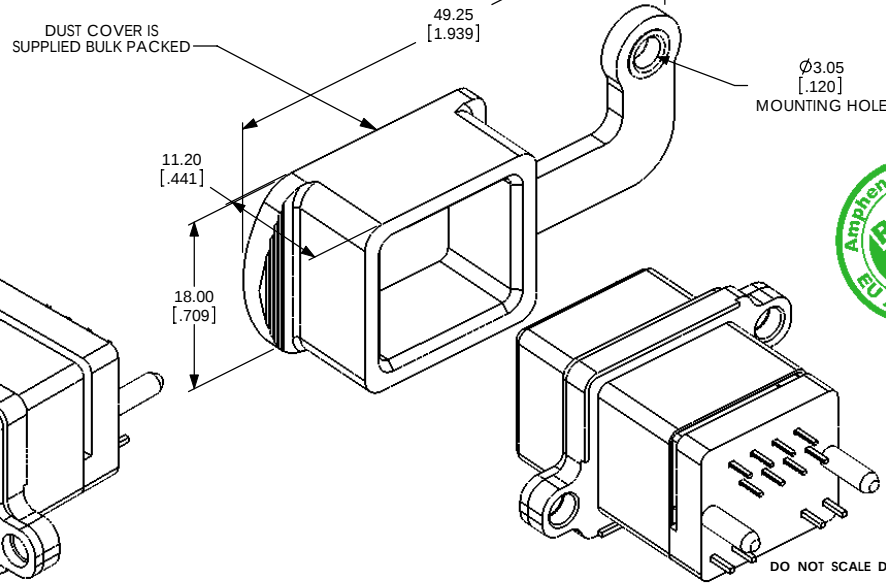




ORDERING CODE: **MRJ-518X-XB**

SERIES, RUGGED RJ  
RECEPTACLE  
VERTICAL MOUNT WITH  
DUST COVER SUPPLIED  
NUMBER OF CONTACTS  
LED OPTION  
0=NONE  
1=GREEN LEFT, YELLOW RIGHT  
4=YELLOW LEFT, GREEN RIGHT  
5=GREEN LEFT, GREEN RIGHT  
CONTACT TAIL OPTION  
0: TAIL LENGTH A=2.54 [.100]  
B: TAIL LENGTH A=3.81 [.150]  
SINGLE PORT WITH GASKET  
FOR REAR PANEL MOUNT



## NOTES:

- MATERIAL:  
ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC AND AMENDMENTS
  - SHELL - DIECAST ZINC, NICKEL PLATED
  - CONTACTS - PHOSPHOR BRONZE WITH 50 MICROINCHES (1.27 MICRONS) GOLD OVER 50 MICROINCHES (1.27 MICRONS) MINIMUM NICKEL ON THE MATING AREA AND GOLD OVER NICKEL ON THE CONTACT TAILS.
  - INSERTS - ENGINEERING THERMOPLASTIC, UL FLAMMABILITY RATING 94V-0, REAR INSERTS: BLACK, FRONT INSERT: CLEAR
  - LED'S - EPOXY LENS, STEEL TAILS WITH TIN PLATING
  - GASKET & DUST COVER - SILICONE RUBBER
- ENVIRONMENTAL PERFORMANCE PER IEC 60529 CODE IP67 FOR SEAL BETWEEN MATING AREA AND PCB SIDE OF CONNECTOR. GASKET PROVIDES FOR SEAL TO INSIDE FACE OF PANEL. SUPPLIED DUST COVER PROVIDES ADDED PROTECTION.
- CURRENT RATING: 1.5 AMPERES
- CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM
- OPERATING TEMPERATURE: -40C TO +105C

| REVISIONS |                           |          |        |
|-----------|---------------------------|----------|--------|
| REV       | ECN, ERN NO.              | DATE     | APPRD. |
| A         | PRODUCT DWG PER EAR 13132 | AUG01/07 | K.L.   |

|                                                                                |            |         |                       |  |
|--------------------------------------------------------------------------------|------------|---------|-----------------------|--|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN MILLIMETERS<br>TOLERANCES ARE: | APPROVALS  | DATE    | Amphenol Canada Corp. |  |
| DECIMALS                                                                       | DRAWN      | A.DODDS | JUL20/07              |  |
| ANGLES                                                                         | DESIGNED   |         |                       |  |
| .XX ±                                                                          | CHECKED    | K.LAMBE | AUG01/07              |  |
| .XXX ±                                                                         | QA APP'D   |         |                       |  |
| MATERIAL AND FINISH                                                            |            |         |                       |  |
| DWG. REV. NO.                                                                  | E. APP'D   |         |                       |  |
| EAR 13132                                                                      |            |         |                       |  |
| CODE IDENT. NO.                                                                | DWG. APP'D |         |                       |  |

|                                                                                                                                          |       |        |
|------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|
| MRJ SERIES RUGGED MODULAR<br>JACK, 8 POSITION VERTICAL,<br>LED & TAIL LENGTH OPTIONS,<br>REAR PANEL MOUNT, DUST<br>COVER, RoHS COMPLIANT | REV   | A      |
| C P-MRJ-518X-XB                                                                                                                          | SCALE | 3:1    |
|                                                                                                                                          | SHEET | 1 OF 2 |

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