**MATERIALS AND FINISHES ARE JAW MIL-DTL-83513 WHERE APPLICABLE**

FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

1. MATERIALS:
   - SHELL - ALUMINUM ALLOY / STAINLESS STEEL
   - INSULATOR / BACKSHELL - GLASS FILLED THERMOPLASTIC
   - PIN/SOCKET CONTACT - COPPER ALLOY
   - INTERFACIAL SEAL - FLUOROSILICONE BLEND

2. FINISH:
   - SHELL - ELECTROLESS NICKEL OR CADMIUM OVER ELECTROLESS NICKEL OR PASSIVATION
   - PIN/SOCKET CONTACT - GOLD OVER NICKEL

3. SPECIFICATIONS:
   - CURRENT RATING: 3 AMPS MAX
   - TEMPERATURE RATING: -55°C TO +125°C
   - INSULATION RESISTANCE: 5000 MEGOHMS MIN
   - DWV AT SEA LEVEL: 600 VAC
   - DWV AT 70,000 FT ALTITUDE: 150 VAC
   - CONTACT RESISTANCE: 24 AWG = 25 MILLIOHM MAX.
   - CONTACT RETENTION: 5 lb MINIMUM AXIAL LOAD
   - ENGAGEMENT FORCE: 6 oz MAX
   - SEPARATION FORCE: 0.5 oz MIN

4. ADDITIONAL INFORMATION:
   - DESIGN AND PERFORMANCE IN GENERAL ACCORDANCE WITH MS555 WHERE APPLICABLE.
   - CONTACT CRISTEK FOR OTHER CONFIGURATIONS.

**TOLERANCE:** .XXX ±.005 .XX ±.01 ANGLE ±1°

**TITLE:** MICRO-D METAL CONNECTOR, RIGHT ANGLE BOARD MOUNT, .075 X .075 FOOTPRINT

<table>
<thead>
<tr>
<th>DWG. NO.</th>
<th>SHT</th>
<th>REV</th>
<th>DESCRIPTION</th>
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<tr>
<td>MSR</td>
<td>2</td>
<td>K</td>
<td>MICRO-D METAL CONNECTOR, RIGHT ANGLE BOARD MOUNT, .075 X .075 FOOTPRINT</td>
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SERIES MSR
MICRO-D METAL CONNECTOR
RIGHT ANGLE BOARD MOUNT, .075 X .075 FOOTPRINT

9 CONTACTS

15 CONTACTS

21 CONTACTS

25 CONTACTS

31 CONTACTS

37 CONTACTS

51 CONTACTS

100 CONTACTS

MSR PLUG PCB LAYOUTS
.075 X .075 GRID PATTERN

TOLERANCE: XXX ± .005
XX ± .01
ANGLE ± 1°

MICRO-D METAL CONNECTOR,
RIGHT ANGLE BOARD MOUNT,
.075 X .075 FOOTPRINT

REV

888.265.9162

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