<table>
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<th>NO. OF CONTACTS</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<tr>
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<td>1.514</td>
<td>1.724</td>
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<tr>
<td>100</td>
<td>2.600</td>
<td>1.800</td>
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</table>

**CONTACTS**

- **9 - 37 CONTACTS**
- **51 - 69 CONTACTS**
- **100 CONTACTS**

**DIMENSIONS**

<table>
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<th>Dimension</th>
<th>Value</th>
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<tr>
<td>A</td>
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<td>B</td>
<td>.093 TYP</td>
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<td>C</td>
<td>.090</td>
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<tr>
<td>Socket #1 Receptacle</td>
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</tr>
</tbody>
</table>

**NOTE:**

- TOLERANCE: XXX ±.005, .01 ± .01
- ANGLE ± 1°
### CRISTEK METAL SHELL MICRO-D CONNECTORS (MATE WITH M83513)

- **NUMBER OF CONTACTS**
  - 009 025 051
  - 015 031 069
  - 021 037 100

- **GENDER**
  - P = PIN, PLUG SHELL
  - S = SOCKET, RECEPTACLE SHELL

- **HARDWARE**
  - U = TAPPED FOR 4-40 SCREW*
  - T = TAPPED FOR 2-56 SCREW
  - V = JACKPOST (.040 RPM)
  - W = JACKPOST (.020 RPM)
  - X = JACKPOST (.060 RPM)
  - Y = JACKPOST (.080 RPM)

- **SHELL FINISH**
  - A = CADMIUM
  - B - NICKEL
  - C = ANODIZE (BLACK)
  - D = CHEM FILM
  - E = GOLD

- **TERMINATION**
  - 0000 = SOLDER CUP
  - WIRE TYPE
    - STRANDED
      - H = HARNESS (MIL-W-16878/4)
      - S = SPACE (MIL-W-22759/33)
      - M = MILITARY (MIL-W-22759/11)*
    - SOLID
      - G = GOLD PLATED COPPER
      - T = TIN/LEAD PLATED COPPER*

  * = MOST COMMONLY USED & STOCKED WIRE TYPES AND HARDWARE OPTIONS

### MATERIALS AND FINISHES ARE IAW MIL-DTL-83513 WHERE APPLICABLE

FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

### ADDITIONAL INFORMATION:
- DESIGN AND PERFORMANCE IN GENERAL ACCORDANCE WITH M83513 WHERE APPLICABLE.
- CONTACT CRISTEK FOR OTHER TERMINATIONS AND HARDWARE OPTIONS.

### SPECIFICATIONS:

- **CURRENT RATING**
  - 3 AMPS MAX

- **TEMPERATURE RATING**
  - 55° C TO +125° C

- **INSULATION RESISTANCE**
  - 5000 MEGOHMS MIN

- **DVM AT SEA LEVEL**
  - 600 VAC

- **DVM AT 70,000 FT ALTITUDE**
  - 150 VAC

- **LOW LEVEL CONTACT**
  - 10 MILLIONMS MAX

- **RESISTANCE**
  - 5 lb MINIMUM AXIAL LOAD

- **ENGAGEMENT FORCE**
  - 6 oz MAX

- **SEPARATION FORCE**
  - 0.5 oz MIN

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**TOLERANCE:** .XXX ±.005

**TITLE:** MICRO-D WITH O-RING

**DWG. NO.:** MDG

**REV:** J

**CONTACT CRISTEK:** 888.265.9162