**TERMINATION OPTIONS**

**SECTION A-A**

**SERIES MFX**

**MICRO-D METAL SHELL**

**FLEX CIRCUIT TERMINATION**

<table>
<thead>
<tr>
<th>NO. OF CONTACTS</th>
<th>A MAX</th>
<th>B BSC</th>
<th>C MAX</th>
</tr>
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<tbody>
<tr>
<td>9</td>
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<td>.565</td>
<td>.400</td>
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<td>15</td>
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<td>.800</td>
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<td>1.115</td>
<td>.950</td>
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<tr>
<td>37</td>
<td>1.485</td>
<td>1.265</td>
<td>1.100</td>
</tr>
</tbody>
</table>

**SEE OPTIONAL LENGTHS**

**RIGHT ANGLE THRU HOLE MOUNT**

*ENCAPSULATE AT A RIGHT ANGLE TO CONNECTOR*

**CRISTEK.COM**

888.265.9162
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 Retention**: 5 lb Minimum Axial Load
- **Engagement Force**: 6 oz Max
- **Separation Force**: 0.5 oz Min

4. ADDITIONAL INFORMATION:

- **Design and Performance**: In accordance with MIL-STD-83513 where applicable.
- **For Other Terminations**: Contact Cristek.

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**MATERIALS AND FINISHES**

- **SHELL**: Aluminum Alloy
- **Insulator**: Glass Filled Thermoplastic Interfacial Seal - Fluorosilicone Blend
- **Pin/Socket Contact**: Copper Alloy

- **Finish**: See Options Above
- **Contact**: Gold Over Nickel

**NUMBER OF CONTACTS**

- 009
- 025
- 015
- 031
- 021
- 037

**GENDER**

- P = Plug, Pin Contacts
- S = Receptacle, Socket Contacts

**HARDWARE**

- 0 = None
- J = High Profile Hex Drive Jackscrew
- F = Float Mount
- K = High Profile Slotted Jackscrew
- L = Low Profile Hex Drive Jackscrew
- T = Threaded Insert

**M83513 HARDWARE - FACTORY INSTALLED**

- 2 = Low Profile Hex Drive Jackscrew
- 3 = High Profile Hex Drive Jackscrew
- 5 = Low Profile Slotted Jackscrew
- 6 = High Profile Slotted Jackscrew
- 7 = Jackpost Kit

**SHELL FINISH**

- A = Cadmium
- B = Nickel
- C = Anodize
- D = Chem Film
- E = Black Cadmium
- G = Gold

* = Most commonly used & stocked hardware options

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**TERMINATION**

- **In-Line Surface Mount (Plug Only)**:
  1. 0.105 - 0.135 Inch
- **Right-Angle Thru Hole Mount (Plug or Receptacle)**:
  2. 0.06 Inch
  3. 0.09 Inch
  4. 0.12 Inch
  5. Extender Card (25 AWG Solid)

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**SERIES MFX**

**CRISTEK INTERCONNECTS, INC.**

**MICRO-D METAL SHELL FLEX CIRCUIT TERMINATION**

**CONTACTS**

- Plug Mating Face
- Receptacle Mating Face

**TOLERANCE**: 0.005 ±0.01

**ANGLED ±1°**