M39029 Size 8 Coaxial Socket Contact
(for PIC 50 Ohm Coaxial Cable P/N S33141)

PERFORMANCE

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impedance (nom)</td>
<td>50 Ohms</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>0 - 5 GHz</td>
</tr>
<tr>
<td>Voltage Rating</td>
<td>750 V(rms)</td>
</tr>
<tr>
<td>Insulation Resistance</td>
<td>5000 Megohms</td>
</tr>
<tr>
<td>VSWR (max)</td>
<td>1.3:1</td>
</tr>
<tr>
<td>Insertion Loss (max)</td>
<td>0.3 dB</td>
</tr>
</tbody>
</table>

CONNECTOR WEIGHT (Each)

0.41 oz (11.68 gm)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION (Tooling)

**Center Contact**
M22520 / 1 - 01 Tool, Selector Dial @ # 6
Recommended Positioner:
PIC 110778 (DMC #TH735), Selector @ Black

**Crimp Ferrule**
M22520 / 5 - 01 Tool, M22520 / 5 - 41 Die Set, Cavity A (.290 hex)

CONSTRUCTION

**Materials:**
- **Body:** Beryllium Copper, ASTM-B196, Alloy UNS C17300
- **Center Contact:** Beryllium Copper, ASTM-B196, Alloy UNS C17300
- **Ferrule:** Brass, ASTM-B16, Alloy UNS 36000, Dead Soft
- **Dielectric:** TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
- **Extraction Sleeve:** Nylon, Type 6/6

Finish:
- Body, Ferrule: Gold
- Center Contact: Gold

APPLICATIONS

- MIL-C-39029/59
- MIL-DTL-38999 Series I, III, IV

Notes:

1) A 1.5” piece of Raychem ATUM heat shrink P/N ATUM-12/3-0 provided with connector for purpose of strain relief & moisture protection.

2) Please refer to T-190339 Termination Instruction sheet for strip dimensions & instructions.

3) No extraction tool needed. Contact has a built-in extraction sleeve.

Note: Verify length of M38999 Type Connector & Backshell to ensure fit.

PIC Wire & Cable Connector User specification sheets are non-controlled documents if printed. Please contact PIC Wire and Cable or visit the PIC website (www.picwire.com) to ensure the latest revision of the drawing is being viewed.