## PERFORMANCE

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Impedance</td>
<td>50 Ohms</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>0 - 12 GHz</td>
</tr>
<tr>
<td>Voltage Rating</td>
<td>500 V (rms)</td>
</tr>
<tr>
<td>Insulation Resistance</td>
<td>5000 Megohms</td>
</tr>
<tr>
<td>DW Voltage</td>
<td>1500 V (rms)</td>
</tr>
<tr>
<td>Insertion Loss (max)</td>
<td>0.24 dB max @ 12 GHz</td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>0.07 $\sqrt{F (GHz)}$</td>
</tr>
<tr>
<td>Temperature Rating</td>
<td>-65° to +165° C</td>
</tr>
</tbody>
</table>

## CONSTRUCTION

### Materials:

- **Body**: Brass, ASTM-B16, Alloy UNS 36000, H02
- **Connector Contact**: Beryllium Copper, ASTM-B196, Alloy UNS C17300
- **Outer Contact**: Beryllium Copper, ASTM-B196, Alloy UNS C17300
- **Cable Contact**: Brass, ASTM-B16, Alloy UNS 36000, H02
- **Ferrule**: Brass, ASTM-B16, Alloy UNS 36000, Dead Soft, Or Copper, ASTM-B152, Alloy C12200
- **Dielectric**: TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
- **Gasket**: Silicone Rubber

### Finish:

- **Body, Ferrule**: Nickel
- **Center Contact**: Gold

## INSTALLATION

- **Center Contact**: Solder Only

### Crimp Ferrule

- **M22520 / 5-01 Tool**
- **M22520 / 5-25 Die Set**
  (.429" A hex)

## CONSTRUCTION

- **Dielectric**: TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
- **Gasket**: Silicone Rubber

## APPLICABLE STANDARDS

- MIL-STD 348, MIL-PRF-39012

## Notes:

1) A 2.5" piece of Raychem ATUM heat shrink P/N ATUM-16/4-0 provided with connector for purpose of strain relief & moisture protection.

2) Please refer to T-1504XX Termination Instruction sheet for strip dimensions & instructions.

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*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.*