Modular Plug, 8P/8C, keyed, unshielded, round, 5.1 mm max cable jack OD, 8-position, 100/bag

**Product Classification**

**Regional Availability**

Asia | Australia/New Zealand | EMEA | Latin America | North America

**Portfolio**

CommScope®

**Product Type**

Modular plug

**General Specifications**

**ANSI/TIA Category**

5

**Cable Type**

Round, unshielded

**Conductor Type**

Solid | Stranded

**Interface**

RJ45

**Interface Feature**

Keyed

**Positions/Loaded Contacts**

8/8

**Termination Type**

IDC

**Dimensions**

**Compatible Cable Diameter, maximum**

5.1 mm | 0.201 in

**Compatible Insulated Conductor Diameter, maximum**

0.99 mm | 0.039 in

**Compatible Insulated Conductor Diameter, minimum**

0.86 mm | 0.034 in

**Contact Plating Thickness**

1.27 µm

**Compatible Conductor Gauge, solid**

26–24 AWG

**Compatible Conductor Gauge, stranded**

26–24 AWG

**Electrical Specifications**

**Current Rating, maximum**

0.75 A

**Insulation Resistance, minimum**

500 mΩm
### Safety Voltage Rating

150 Vac

### Material Specifications

- **Contact Base Material**: Phosphor Bronze
- **Contact Plating Material**: Gold
- **Material Type**: Glass filled polycarbonate

### Mechanical Specifications

- **Plug Insertion Life, minimum**: 750 times

### Environmental Specifications

- **Operating Temperature**: -10 °C to +60 °C (+14 °F to +140 °F)
- **Relative Humidity**: Up to 93%, non-condensing
- **Safety Standard**: UL 1863

### Packaging and Weights

- **Packaging quantity**: 100
- **Packaging Type**: Bag | Box | Carton

### Regulatory Compliance/Certifications

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<tr>
<th>Agency</th>
<th>Classification</th>
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<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
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<tr>
<td>REACH-SVHC</td>
<td>Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a></td>
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