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 mOhm
### 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

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
</tr>
<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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<tr>
<td>ROHS</td>
<td>Compliant</td>
</tr>
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