Modular Plug Kit, category 6, shielded, 8-position, 5.7 – 7.0 mm max cable jack OD, 500/bag

**Product Classification**

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<th>Regional Availability</th>
<th>Asia</th>
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<th>EMEA</th>
<th>Latin America</th>
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<tr>
<td>Product Type</td>
<td>Modular plug</td>
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</table>

**General Specifications**

**ANSI/TIA Category**

- 6

**Cable Type**

- Round, shielded

**Conductor Type**

- Solid | Stranded

**Interface**

- RJ45

**Positions/Loaded Contacts**

- 8/8

**Termination Type**

- IDC

**Dimensions**

- Compatible Cable Diameter, maximum: 7 mm | 0.276 in
- Compatible Cable Diameter, minimum: 5.7 mm | 0.224 in
- Compatible Insulated Conductor Diameter, maximum: 1.09 mm | 0.043 in
- Compatible Insulated Conductor Diameter, minimum: 0.89 mm | 0.035 in
- Contact Plating Thickness: 1.27 µm
- Compatible Conductor Gauge, solid: 26–23 AWG
- Compatible Conductor Gauge, stranded: 26–23 AWG

**Electrical Specifications**

- Insulation Resistance, minimum: 500 mOhm
Material Specifications

Contact Base Material: Phosphor bronze
Contact Plating Material: Gold
Material Type: Glass filled polycarbonate
Plug Shield Base Material: Stainless steel
Plug Shield Plating Material: Nickel

Mechanical Specifications
Plug Insertion Life, minimum: 750 times

Environmental Specifications
Operating Temperature: -40 °C to +60 °C (-40 °F to +140 °F)
Safety Standard: UL 1863

Packaging and Weights
Packaging quantity: 500
Packaging Type: Bag | Box | Carton

Regulatory Compliance/Certifications
Agency | Classification
------ | ------------------
CHINA-ROHS | Below maximum concentration value
REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS | Compliant