Modular Plug Kit, category 6, shielded, 8-position, 4.7 – 5.5 mm max cable jack OD, 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
6

Cable Type
Round, shielded

Conductor Type
- Solid
- Stranded

Interface
RJ45

Positions/Loaded Contacts
8/8

Termination Type
IDC

Dimensions

Compatible Cable Diameter, maximum
5.5 mm | 0.217 in

Compatible Cable Diameter, minimum
4.7 mm | 0.185 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

<table>
<thead>
<tr>
<th>Contact Base Material</th>
<th>Phosphor Bronze</th>
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<tbody>
<tr>
<td>Contact Plating Material</td>
<td>Gold</td>
</tr>
<tr>
<td>Material Type</td>
<td>Glass filled polycarbonate</td>
</tr>
<tr>
<td>Plug Shield Base Material</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Plug Shield Plating Material</td>
<td>Nickel</td>
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</tbody>
</table>

### Mechanical Specifications

| Plug Insertion Life, minimum | 750 times |

### Environmental Specifications

| Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
| 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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<td>ROHS</td>
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