Field Term Modular Plug, RJ45, Cat6 (25 ea/pkg)

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
Unshielded

Color
Clear

Conductor Type
Solid

Interface
RJ45

Positions/Loaded Contacts
8

Termination Type
IDC

Dimensions

Compatible Cable Diameter, maximum
6 mm  | 0.236 in

Compatible Cable Diameter, minimum
5.3 mm  | 0.209 in

Compatible Insulated Conductor Diameter, maximum
1.03 mm  | 0.041 in

Compatible Insulated Conductor Diameter, minimum
0.84 mm  | 0.033 in

Contact Plating Thickness
1.27 µm

Compatible Conductor Gauge, solid
23 AWG

Electrical Specifications

Safety Voltage Rating
1000 Vac
### Material Specifications

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Base Material</td>
<td>Copper alloy</td>
</tr>
<tr>
<td>Contact Plating Material</td>
<td>Gold over nickel</td>
</tr>
<tr>
<td>Material Type</td>
<td>Polycarbonate</td>
</tr>
</tbody>
</table>

### 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 114344

### Packaging and Weights

- **Packaging quantity**: 25
- **Packaging Type**: Clam shell

### 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>
</tr>
<tr>
<td>ROHS</td>
<td>Compliant</td>
</tr>
<tr>
<td>UK-ROHS</td>
<td>Compliant</td>
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