SL110 Series Modular Jack, RJ45, category 6, T568A/T568B, unshielded, without dust cover, violet

Product Classification

Regional Availability
Asia | Australia/New Zealand | EMEA | Latin America

Portfolio
NETCONNECT®

Product Type
Modular jack

Product Series
SL Series

General Specifications

ANSI/TIA Category
6

Cable Type
Unshielded

Color
Violet

Conductor Type
Solid | Stranded

Integrated Dust Cover Type
None

Mounting
SL Series faceplates and panels

Outlet Feature
Inverted jack face

Outlet Type
Standard

Termination Punchdowns, minimum
200 times

Termination Tool
SL Termination tool

Termination Type
IDC

Transmission Standards
ANSI/TIA-568.2-D | ISO/IEC 11801 Class E

Wiring
T568A | T568B

Dimensions
Panel Cutout, recommended
14.78 x 20.07 mm (0.58 x 0.79 in)

Panel Thickness, recommended
1.6 mm | 0.063 in

Height
16.13 mm | 0.635 in
### Width
14.48 mm | 0.57 in

### Depth
30.48 mm | 1.2 in

### Compatible Cable Diameter, maximum
58 mm | 2.283 in

### Compatible Insulated Conductor Diameter, maximum
1.45 mm | 0.057 in

### Contact Plating Thickness
1.27 µm

### Compatible Conductor Gauge, solid
24–22 AWG

### Compatible Conductor Gauge, stranded
26–24 AWG

### Electrical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Resistance Variation, maximum</td>
<td>20 mOhm</td>
</tr>
<tr>
<td>Contact Resistance, maximum</td>
<td>100 mOhm</td>
</tr>
<tr>
<td>Current Rating at Temperature</td>
<td>1.5 A @ 20 °C</td>
</tr>
<tr>
<td>Dielectric Withstand Voltage, RMS, conductive surface</td>
<td>1,500 Vac @ 60 Hz</td>
</tr>
<tr>
<td>Dielectric Withstand Voltage, RMS, contact-to-contact</td>
<td>1,000 Vac @ 60 Hz</td>
</tr>
<tr>
<td>Insulation Resistance, minimum</td>
<td>500 mOhm</td>
</tr>
</tbody>
</table>

**Remote Powering**

- Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC 60512-99-002

**Safety Voltage Rating**

- 150 Vac

### Material Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Base Material</td>
<td>Beryllium copper</td>
</tr>
<tr>
<td>Contact Plating Material</td>
<td>Gold</td>
</tr>
<tr>
<td>Material Type</td>
<td>Polycarbonate</td>
</tr>
<tr>
<td>Termination Contact Plating</td>
<td>Tin</td>
</tr>
</tbody>
</table>

### Mechanical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plug Insertion Life, minimum</td>
<td>750 times</td>
</tr>
<tr>
<td>Plug Insertion Life, test plug</td>
<td>IEC 60603-7 compliant plug</td>
</tr>
<tr>
<td>Plug Retention Force, minimum</td>
<td>50 N</td>
</tr>
</tbody>
</table>

### Environmental Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>-10 °C to +60 °C (+14 °F to +140 °F)</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-40 °C to +70 °C (-40 °F to +158 °F)</td>
</tr>
</tbody>
</table>
Flammability Rating: UL 94 V-0

Safety Standard: UL | cUL

Packaging and Weights

Included: Strain relief cap
Packaging quantity: 1
Packaging Type: Bag

Regulatory Compliance/Certifications

Agency | Classification
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CHINA-ROHS | Below maximum concentration value
RCM | Compliant to electrical safety, EMC, EME & telecommunications requirements
REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS | Compliant