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

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
White

Conductor Type
Solid | Stranded

Mounting
SL Series faceplates and panels

Mounting Note
Color matches with SL-style Alpine White or Pro White Faceplates and Surface Mount Boxes

Outlet Feature
Inverted jack face

Outlet Type
Standard

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

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
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 | 5.8 mm | 0.228 in
Compatible Insulated Conductor Diameter, maximum | 1.45 mm | 0.057 in
Contact Plating Thickness | 1.27 µm
Panel Thickness, recommended | 1.6 mm | 0.063 in
Compatible Conductor Gauge, solid | 24–22 AWG
Compatible Conductor Gauge, stranded | 26–24 AWG

Electrical Specifications

Contact Resistance Variation, maximum | 20 mOhm
Contact Resistance, maximum | 100 mOhm
Current Rating at Temperature | 1.5 A @ 20 °C | 1.5 A @ 68 °F
Dielectric Withstand Voltage, RMS, conductive surface | 1,500 Vac @ 60 Hz
Dielectric Withstand Voltage, RMS, contact-to-contact | 1,000 Vac @ 60 Hz
Insulation Resistance, minimum | 500 mOhm
Remote Powering

Safety Voltage Rating | 150 Vac

Material Specifications

Contact Base Material | Beryllium copper
Contact Plating Material | Gold
Material Type | Polycarbonate
Termination Contact Plating | Tin

Mechanical Specifications

Plug Insertion Life, minimum | 750 times
Plug Insertion Life, test plug | IEC 60603-7 compliant plug
Plug Retention Force, minimum | 50 N | 11.24 lbf

Environmental Specifications

Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F)
### 1-1375055-3

#### 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

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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</thead>
<tbody>
<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
</tr>
<tr>
<td>RCM</td>
<td>Compliant to electrical safety, EMC, EME &amp; telecommunications requirements</td>
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<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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