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

Product Classification

Regional Availability

Portfolio

Product Type

Product Series

General Specifications

ANSI/TIA Category

Cable Type

Color

Conductor Type

Mounting

Mounting Note

Outlet Feature

Outlet Type

Panel Cutout, recommended

Termination Punchdowns, minimum

Termination Tool

Termination Type

Transmission Standards

Wiring

Dimensions

Height
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)
## Flammability Rating
UL 94 V-0

## Safety Standard
UL | cUL

## Packaging and Weights

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<tr>
<th>Included</th>
<th>Strain relief cap</th>
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<td>Packaging Type</td>
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## Regulatory Compliance/Certifications

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