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

Mounting
- SL Series faceplates and panels

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
- T568A | T568B

Wiring

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 | 58 mm | 2.283 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

Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the unmuting under electrical load requirements prescribed by IEC 60512:99-002
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)
Storage Temperature | -40 °C to +70 °C (-40 °F to +158 °F)
Flammability Rating | UL 94 V-0
1-1375055-0

Safety Standard
UL | cUL

Packaging and Weights

Included
Strain relief cap

Packaging quantity
1

Packaging Type
Bag

Regulatory Compliance/Certifications

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<th>Agency</th>
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<tbody>
<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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