SL-Series Modular Jack, RJ45, Cat6A Shielded, Gray

Product Classification

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

Portfolio
NETCONNECT®

Product Type
Modular jack

Product Series
SLX Series

General Specifications

ANSI/TIA Category
6A

Cable Type
Shielded

Color
Gray

Conductor Type
Solid | Stranded

Integrated Dust Cover Type
None

Mounting
SL Series faceplates and panels

Mounting Note
Color matches with SL-style Gray Faceplates and Surface Mount Boxes

Outlet Type
Standard

Termination Punchdowns, minimum
5 times

Termination Tool
SL Termination tool

Termination Type
IDC

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

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
14.44 mm | 0.569 in
<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth</td>
<td>36.8 mm</td>
</tr>
<tr>
<td>Compatible Cable Diameter, maximum</td>
<td>8.5 mm</td>
</tr>
<tr>
<td>Compatible Insulated Conductor Diameter, maximum</td>
<td>1.6 mm</td>
</tr>
<tr>
<td>Contact Plating Thickness</td>
<td>1.27 µm</td>
</tr>
<tr>
<td>Compatible Conductor Gauge, solid</td>
<td>26–22 AWG</td>
</tr>
<tr>
<td>Compatible Conductor Gauge, stranded</td>
<td>26–24 AWG</td>
</tr>
</tbody>
</table>

**Electrical Specifications**

- **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
- **PoE Durability**: Supports IEEE 802.3bt Type 4 (90 W) applications after 3000 plug to jack mating cycles

**Material Specifications**

- **Contact Base Material**: Beryllium copper
- **Contact Plating Material**: Gold
- **Material Type**: Polycarbonate | Zamak

**Mechanical Specifications**

- **Plug to Jack Mating Cycles**: Complies to IEC 60603-7 series

**Environmental Specifications**

- **Operating Temperature**: -10 °C to +60 °C (+14 °F to +140 °F)
- **Flammability Rating**: UL 94 V-0

**Packaging and Weights**

- **Packaging Material**: Standard
- **Packaging quantity**: 24
- **Packaging Type**: Bag | Box

**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>RCM</td>
<td>Compliant to electrical safety &amp; telecommunications requirements</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>
</tbody>
</table>
ROHS Compliant
UK-ROHS Compliant/Exempted