



SL110 Series Modular Jack, RJ45, category 6, T568A/T568B, unshielded, without dust cover, bag of 24, black

## 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

Black

### Conductor Type

Solid | Stranded

### Integrated Dust Cover Type

None

### Mounting

SL Series faceplates and panels

### Mounting Note

Color matches with SL-style Black Faceplates and Surface Mount Boxes

### 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)

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|   |                     |
|---|---------------------|
| <b>Panel Thickness, recommended</b>                     | 1.6 mm   0.063 in   |
| <b>Height</b>   | 16.13 mm   0.635 in |
| <b>Width</b>  | 14.48 mm   0.57 in  |
| <b>Depth</b>  | 30.48 mm   1.2 in   |
| <b>Compatible Cable Diameter, maximum</b>               | 5.8 mm   0.228 in   |
| <b>Compatible Insulated Conductor Diameter, maximum</b> | 1.45 mm   0.057 in  |
| <b>Contact Plating Thickness</b>                        | 1.27 $\mu$ m        |
| <b>Compatible Conductor Gauge, solid</b>                | 24–22 AWG           |
| <b>Compatible Conductor Gauge, stranded</b>             | 26–24 AWG           |

## Electrical Specifications

|  |  |
|--|--|
| <b>Contact Resistance Variation, maximum</b>                 | 20 mOhm  |
| <b>Contact Resistance, maximum</b>                           | 100 mOhm   |
| <b>Current Rating at Temperature</b>                         | 1.5 A @ 20 °C   1.5 A @ 68 °F  |
| <b>Dielectric Withstand Voltage, RMS, conductive surface</b> | 1,500 Vac @ 60 Hz  |
| <b>Dielectric Withstand Voltage, RMS, contact-to-contact</b> | 1,000 Vac @ 60 Hz  |
| <b>Insulation Resistance, minimum</b>                        | 500 mOhm   |
| <b>Remote Powering</b>                                       | 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 |
| <b>Safety Voltage Rating</b>                                 | 150 Vac  |

## Material Specifications

|                                    |                  |
|------------------------------------|------------------|
| <b>Contact Base Material</b>       | Beryllium copper |
| <b>Contact Plating Material</b>    | Gold             |
| <b>Material Type</b>               | Polycarbonate    |
| <b>Termination Contact Plating</b> | Tin              |

## Mechanical Specifications

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

## Environmental Specifications

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|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Operating Temperature</b> | -10 °C to +60 °C (+14 °F to +140 °F) |
| <b>Storage Temperature</b>   | -40 °C to +70 °C (-40 °F to +158 °F) |
| <b>Flammability Rating</b>   | UL 94 V-0                            |
| <b>Safety Standard</b>       | UL   cUL                             |

## Packaging and Weights

|                           |                   |
|---------------------------|-------------------|
| <b>Included</b>           | Strain relief cap |
| <b>Packaging quantity</b> | 24                |

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| RCM           | Compliant to electrical safety & telecommunications requirements   |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |

