



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

## 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

### Conductor Type

Solid | Stranded

### Mounting

SL Series faceplates and panels

### 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)

### Panel Thickness, recommended

1.6 mm | 0.063 in

### 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

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**Compatible Conductor Gauge, solid** 24–22 AWG

**Compatible Conductor Gauge, stranded** 26–24 AWG

## Electrical Specifications

**Contact Resistance Variation, maximum** 20 mOhm

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**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 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

**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 Retention Force, minimum** 50 N | 11.24 lbf

**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

**Safety Standard** UL | cUL