# 8-1375055-7 | SL110-6-CN-RD

SL-Series Modular Jack, RJ45, Cat6 Unshielded, Red, CN

This product will be discontinued on: October 31, 2024

Replaced By:

| | |
|---|---|
| 8-1375055-RD<br>SL110-6-CN-RD | SL-Series Modular Jack, RJ45, Cat6 Unshielded, Red, CN (25 ea/pkg) |

## Product Classification

| | |
|---|---|
| **Regional Availability** | China |
| **Portfolio** | NETCONNECT® |
| **Product Type** | Modular jack |
| **Product Series** | SL Series |

## General Specifications

| | |
|---|---|
| **ANSI/TIA Category** | 6 |
| **Cable Type** | Unshielded |
| **Color** | Red |
| **Conductor Type** | Solid \| Stranded |
| **Integrated Dust Cover Type** | None |
| **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 |
| **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 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

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|---|---|
| **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) |
| **Storage Temperature** | -40 °C to +70 °C (-40 °F to +158 °F) |
| **Flammability Rating** | UL 94 V-0 |
| **Safety Standard** | UL \| cUL |

## Packaging and Weights

| | |
|---|---|
| **Included** | Strain relief cap |
| **Packaging quantity** | 1 |
| **Packaging Type** | Bag |

## Regulatory Compliance/Certifications

| Agency | Classification |
|---|---|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |