

Base Product



SL-Series Modular Jack, RJ45, Cat6 Shielded, with Dust Cover

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      | 6                                        |
| Cable Type             | Shielded                                 |
| Conductor Type         | Solid   Stranded                         |
| Mounting               | SL Series faceplates and panels          |
| Outlet Type            | Standard                                 |
| Termination Tool       | SL Termination tool                      |
| Termination Type       | IDC                                      |
| Transmission Standards | ANSI/TIA-568-C.2   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                                            | 14.44 mm   0.569 in               |
| Depth                                            | 36.8 mm   1.449 in                |
| Compatible Cable Diameter, maximum               | 8.5 mm   0.335 in                 |
| Compatible Insulated Conductor Diameter, maximum | 1.6 mm   0.063 in                 |
| Contact Plating Thickness                        | 1.27 µm                           |

|                                      |           |
|--------------------------------------|-----------|
| Compatible Conductor Gauge, solid    | 26–22 AWG |
| Compatible Conductor Gauge, stranded | 26–24 AWG |

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 greater than 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 Type | Bag   Box |
|----------------|-----------|