# 760257191   |   SL10G-VI

### SL-Series Modular Jack, RJ45, Cat6A Unshielded, Violet

- Color is more prominently visible across the body of the jack
- Allows for all jack variants to be terminated with the SL termination tool
- Lacing fixture of the SL termination tool is used to establish the cable termination

## 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** | 6A |
| **Cable Type** | Unshielded |
| **Color** | Violet |
| **Conductor Type** | Solid   |   Stranded |
| **Integrated Dust Cover Type** | None |
| **Mounting** | SL Series faceplates and panels |
| **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** | 14.48 mm   |   0.57 in |
| **Depth** | 30.48 mm   |   1.2 in |
| **Compatible Cable Diameter, maximum** | 7.24 mm   |   0.285 in |

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| | |
|---|---|
| **Compatible Insulated Conductor Diameter, maximum** | 1.45 mm  |  0.057 in |
| **Contact Plating Thickness** | 1.27 µm |
| **Compatible Conductor Gauge, solid** | 22 AWG  |  24 AWG |
| **Compatible Conductor Gauge, stranded** | 24 AWG  |  26 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 after 3000 plug to jack mating cycles |

## Material Specifications

| | |
|---|---|
| **Contact Base Material** | Beryllium copper |
| **Contact Plating Material** | Gold |
| **IDC Termination Material** | Phosphor Bronze |
| **Material Type** | High-impact, flame retardant, thermoplastic  |  PC+ABS  |  Polycarbonate |

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

## Packaging and Weights

| | |
|---|---|
| **Packaging quantity** | 1 |
| **Packaging Type** | Bag |

## Regulatory Compliance/Certifications

| Agency | Classification |
|---|---|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |

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ROHS            Compliant

UK-ROHS         Compliant

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