

KJ-Series Modular Jack, RJ45, Cat6 Unshielded, Black

Product Classification

|                       |                              |
|-----------------------|------------------------------|
| Regional Availability | Asia   Australia/New Zealand |
| Portfolio             | NETCONNECT®                  |
| Product Type          | Modular jack                 |
| Product Series        | KJ Series                    |

General Specifications

|                            |                                                    |
|----------------------------|----------------------------------------------------|
| ANSI/TIA Category          | 6                                                  |
| Application                | For use with the CPP-UMOD-KJ-1U-24 panel 760254673 |
| Cable Type                 | Unshielded                                         |
| Color                      | Black                                              |
| Conductor Type             | Solid   Stranded                                   |
| Integrated Dust Cover Type | None                                               |
| Mounting                   | Keystone faceplates and panels                     |
| Termination Tool           | 110 Punchdown tool                                 |
| Termination Type           | IDC                                                |
| Transmission Standards     | ANSI/TIA-568.2-D   ISO/IEC 11801 Class E           |
| Wiring                     | T568A   T568B                                      |

Dimensions

|        |                    |
|--------|--------------------|
| Height | 16.3 mm   0.642 in |
| Width  | 16.9 mm   0.665 in |
| Depth  | 30 mm   1.181 in   |

|                                                  |                   |
|--------------------------------------------------|-------------------|
| Compatible Cable Diameter, maximum               | 5.8 mm   0.228 in |
| Compatible Insulated Conductor Diameter, maximum | 1.27 mm   0.05 in |
| Contact Plating Thickness                        | 1.27 µm           |
| Compatible Conductor Gauge, solid                | 22–26 AWG         |
| Compatible Conductor Gauge, stranded             | 22–26 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 greater than 3000 plug to jack mating cycles                                                                                                  |

## Material Specifications

|                          |                 |
|--------------------------|-----------------|
| Contact Base Material    | Phosphor Bronze |
| Contact Plating Material | Gold            |
| Material Type            | Polycarbonate   |

## Mechanical Specifications

|                            |                                |
|----------------------------|--------------------------------|
| Plug to Jack Mating Cycles | Complies to IEC 60603-7 series |
|----------------------------|--------------------------------|

## Environmental Specifications

|                     |           |
|---------------------|-----------|
| 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                                                                                              |
| REACH-SVHC | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS       | Compliant                                                                                                                      |
| UK-ROHS    | Compliant                                                                                                                      |

