M1 Category 3 U/UTP Information Outlets, white

Product Classification

Portfolio: CommScope®
Product Type: Modular jack
Regional Availability: Asia | Australia/New Zealand | EMEA | Latin America | North America

Dimensions

Depth: 30.48 mm | 1.20 in
Height: 20.32 mm | 0.80 in
Width: 20.32 mm | 0.80 in

Electrical Specifications

ANSI/TIA Category: 3
Contact Resistance Variation, maximum: 20 mOhm
Contact Resistance, maximum: 100 mOhm
Current Rating: 1.5 A @ 20 °C
1.5 A @ 68 °F
Dielectric Withstand Voltage, RMS, conductive surface: 1500 Vac @ 60 Hz
Dielectric Withstand Voltage, RMS, contact-to-contact: 1000 Vac @ 60 Hz
Insulation Resistance, minimum: 501 MΩhm

Environmental Specifications

Flammability Rating: UL 94 V-0
Operating Temperature: -10 °C to +60 °C (+14 °F to +140 °F)
Relative Humidity: Up to 95%, non-condensing
Safety Standard: cUL | UL
Storage Temperature: -40 °C to +70 °C (-40 °F to +158 °F)

General Specifications

Cable Type: Unshielded
Color: White
Package Quantity: 1
Mechanical Specifications

- **Conductor Gauge, solid**: 22 AWG | 24 AWG
- **Conductor Gauge, stranded**: 22 AWG | 24 AWG
- **Conductor Type**:
  - Solid | Stranded
- **Contact Plating Material**: Precious metals
- **Material Type**:
  - Copper alloy | High-impact, flame retardant, thermoplastic
- **Outlet Type**: M Series
- **Plug Insertion Life, minimum**: 750 times
- **Plug Insertion Life, test plug**: IEC 60603-7 compliant plug
- **Plug Retention Force, minimum**: 30 lbf | 133 N
- **Termination Contact Plating**: Nickel
- **Termination Type**: IDC
- **Wiring**: T568A | T568B

Regulatory Compliance/Certifications

- **Agency**
  - RoHS 2011/65/EU: Compliant
  - ISO 9001:2015: Designed, manufactured and/or distributed under this quality management system