Modular Plug, 6P/6C, unshielded, long body, flat oval, 2.79 x 6.85 mm cable jack OD, category 3, 100/bag

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Portfolio
CommScope®

Product Type
Modular plug

General Specifications

ANSI/TIA Category
3

Cable Type
Flat oval, unshielded

Conductor Type
Solid | Stranded

Interface
RJ12

Positions/Loaded Contacts
6/6

Termination Type
IDC

Dimensions

Compatible Cable Diameter, maximum
6.85 mm | 0.27 in

Compatible Cable Diameter, minimum
2.79 mm | 0.11 in

Compatible Insulated Conductor Diameter, maximum
0.99 mm | 0.039 in

Compatible Insulated Conductor Diameter, minimum
0.86 mm | 0.034 in

Contact Plating Thickness
1.27 µm

Compatible Conductor Gauge, solid
26–24 AWG

Compatible Conductor Gauge, stranded
26–24 AWG

Electrical Specifications

Current Rating, maximum
0.75 A

Insulation Resistance, minimum
500 mOhm
### Safety Voltage Rating
150 Vac

### Material Specifications
- **Contact Base Material**: Phosphor bronze
- **Contact Plating Material**: Gold
- **Material Type**: Glass filled polycarbonate

### Mechanical Specifications
- **Plug Insertion Life, minimum**: 750 times

### Environmental Specifications
- **Operating Temperature**: -10 °C to +60 °C (+14 °F to +140 °F)
- **Relative Humidity**: Up to 93%, non-condensing
- **Safety Standard**: UL 1863

### Packaging and Weights
- **Packaging quantity**: 100
- **Packaging Type**: Bag | Box | Carton

### Regulatory Compliance/Certifications
- **Agency**
  - CHINA-ROHS
  - REACH-SVHC
  - ROHS
- **Classification**
  - Below maximum concentration value
  - Compliant as per SVHC revision on www.commscope.com/ProductCompliance
  - Compliant