Modular Plug, 6P/6C, shielded, 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
Plug Shield Base Material Copper alloy
Plug Shield Plating Material Nickel

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 Classification
CHINA-ROHS Below maximum concentration value
REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS Compliant