Modular Plug, 6P/6C, unshielded, standard body, round, 4.6 mm cable jack OD, 6-position, category 3, 500/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
Round, unshielded
Conductor Type
Solid | Stranded
Interface
RJ12
Positions/Loaded Contacts
6/6
Termination Type
IDC

Dimensions
Compatible Cable Diameter, maximum
4.6 mm | 0.181 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: 500
Packaging Type: Bag | Box | Carton

Regulatory Compliance/Certifications

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