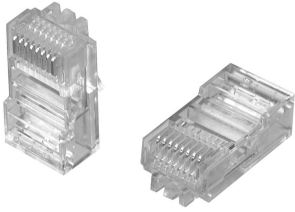


6-554720-3 | MP-88U-F-1



Modular Plug Kit, 8P/8C, unshielded, flat oval, 2.54 x 8.89 mm max cable jack OD, 8-position, 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 | 5 |
| Cable Type | Flat oval, unshielded |
| Conductor Type | Solid Stranded |
| Interface | RJ45 |
| Positions/Loaded Contacts | 8/8 |
| Termination Type | IDC |

Dimensions

| | |
|---|--------------------|
| Compatible Cable Diameter, maximum | 8.89 mm 0.35 in |
| Compatible Cable Diameter, minimum | 2.54 mm 0.1 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 |

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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

Flammability Rating UL 94 V-2

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 |
| UK-ROHS | Compliant |

