## 6-554170-3 | MP-88U-R-1-K



Modular Plug, 8P/8C, keyed, unshielded, round, 5.1 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 TypeRound, unshieldedConductor TypeSolid | Stranded

InterfaceRJ45Interface FeatureKeyedPositions/Loaded Contacts8/8Termination TypeIDC

Dimensions

Compatible Cable Diameter, maximum5.1 mm | 0.201 inCompatible Insulated Conductor Diameter, maximum0.99 mm | 0.039 inCompatible Insulated Conductor Diameter, minimum0.86 mm | 0.034 in

Contact Plating Thickness1.27 μmCompatible Conductor Gauge, solid26-24 AWGCompatible Conductor Gauge, stranded26-24 AWG

Electrical Specifications

 Current Rating, maximum
 0.75 A

 Insulation Resistance, minimum
 500 mOhm

Page 1 of 2



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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**  $-10 \,^{\circ}\text{C} \text{ to } +60 \,^{\circ}\text{C} \text{ (+14 }^{\circ}\text{F to } +140 \,^{\circ}\text{F)}$ 

**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

AgencyClassificationCHINA-ROHSBelow maximum concentration value

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



