

# 5-554170-3

Modular Plug, 8P/8C, unshielded, keyed, round

**OBSOLETE**

This product was discontinued on: August 14, 2018

Replaced By:

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	NETCONNECT®
Product Type	Modular plug

## General Specifications

ANSI/TIA Category	5
Cable Type	Round, unshielded
Conductor Type	Stranded
Interface	RJ45
Interface Feature	Keyed
Positions/Loaded Contacts	8/8
Termination Type	IDC

## Dimensions

Compatible Cable Diameter, maximum	5.33 mm   0.21 in
Compatible Insulated Conductor Diameter, maximum	0.99 mm   0.039 in
Compatible Insulated Conductor Diameter, minimum	0.74 mm   0.029 in
Compatible Conductor Gauge, stranded	28–26 AWG

## Electrical Specifications

Current Rating, maximum	0.75 A
Insulation Resistance, minimum	500 mOhm
Safety Voltage Rating	150 Vac

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## Material Specifications

Contact Base Material	Phosphor Bronze
Material Type	Glass filled polycarbonate

## Mechanical Specifications

Plug Insertion Life, minimum	750 times
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## 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

## 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 <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

