

# 6-2843007-1 | MP-6AU-Plug-A-1



Modular Plug, Category 6A/6, Unshielded, Cond Insulation OD - 0.99 mm, 100 pcs

## Product Classification

### Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

### Portfolio

CommScope®

### Product Type

Modular plug

## General Specifications

### ANSI/TIA Category

6 | 6A

### Cable Type

Round, unshielded

### Conductor Type

Solid | Stranded

### Interface

RJ45

### Positions/Loaded Contacts

8/8

### Termination Type

IDC

## Dimensions

### Compatible Insulated Conductor Diameter, maximum

1.09 mm | 0.043 in

### Compatible Insulated Conductor Diameter, minimum

0.89 mm | 0.035 in

### Contact Plating Thickness

1.27 µm

### Compatible Conductor Gauge, solid

26–23 AWG

### Compatible Conductor Gauge, stranded

26–23 AWG

## Electrical Specifications

### Current Rating, maximum

0.75 A

### Insulation Resistance, minimum

500 mOhm

### Safety Voltage Rating

150 Vac

## Material Specifications

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<b>Contact Base Material</b>	Phosphor bronze
<b>Contact Plating Material</b>	Gold
<b>Material Type</b>	Glass filled polycarbonate

## Mechanical Specifications

<b>Plug Insertion Life, minimum</b>	750 times
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## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +60 °C (-40 °F to +140 °F)
<b>Relative Humidity</b>	Up to 93%, non-condensing
<b>Safety Standard</b>	UL 1863

## Packaging and Weights

<b>Packaging quantity</b>	100
<b>Packaging Type</b>	Bag   Box   Carton

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant

