PowerSUM MPS100E Category 5e U/UTP Information Outlet, orange

- Modified outlet termination scheme to match other Systimax outlets and to align with the MGS400 and the MGS600 outlets

Product Classification

Regional Availability
- Asia  |  Australia/New Zealand  |  EMEA  |  Latin America  |  North America

Portfolio
SYSTIMAX®

Product Type
Modular jack

Product Brand
PowerSUM

General Specifications

ANSI/TIA Category
5e

Cable Type
Unshielded

Color
Orange

Conductor Type
Solid  |  Stranded

Termination Type
IDC

Wiring
T568A  |  T568B

Dimensions

Height
20.32 mm  |  0.8 in

Width
20.32 mm  |  0.8 in

Depth
30.48 mm  |  1.2 in

Compatible Conductor Gauge, solid
22 AWG  |  24 AWG

Compatible Conductor Gauge, stranded
22 AWG  |  24 AWG

Electrical Specifications

Contact Resistance Variation, maximum
20 mOhm

Contact Resistance, maximum
100 mOhm

Current Rating at Temperature
1.5 A @ 20 °C  |  1.5 A @ 68 °F
Dielectric Withstand Voltage, RMS, conductive surface: 1,500 Vac @ 60 Hz
Dielectric Withstand Voltage, RMS, contact-to-contact: 1,000 Vac @ 60 Hz
Insulation Resistance, minimum: 500 MOhm
Remote Powering: Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC 60512-99-002

Material Specifications

Contact Plating Material: Precious metals
Material Type: Copper alloy | High-impact, flame retardant, thermoplastic
Termination Contact Plating: Nickel

Mechanical Specifications

Plug Insertion Life, minimum: 750 times
Plug Insertion Life, test plug: IEC 60603-7 compliant plug
Plug Retention Force, minimum: 133 N | 29.9 lbf

Environmental Specifications

Operating Temperature: -10 °C to +60 °C (+14 °F to +140 °F)
Storage Temperature: -40 °C to +70 °C (-40 °F to +158 °F)
Relative Humidity: Up to 95%, non-condensing
Flammability Rating: UL 94 V-0
Safety Standard: UL | cUL

Packaging and Weights

Packaging quantity: 1

Regulatory Compliance/Certifications

Agency: 
Classification: 
CHINA-ROHS: Below maximum concentration value
ISO 9001:2015: Designed, manufactured and/or distributed under this quality management system
REACH-SVHC: Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS: Compliant