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

- 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
- Yellow

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