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

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

Product Classification

**Portfolio**
- SYSTIMAX®

**Brand**
- PowerSUM

**Product Type**
- Modular jack

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

Dimensions

- **Depth**: 30.48 mm | 1.20 in
- **Height**: 20.32 mm | 0.80 in
- **Width**: 20.32 mm | 0.80 in

Electrical Specifications

- **ANSI/TIA Category**: 5e
- **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 unmuting under electrical load requirements prescribed by IEC 60512-99-002

Environmental Specifications

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

General Specifications

- **Cable Type**: Unshielded
- **Color**: Black
- **Package Quantity**: 1
## Mechanical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductor Gauge, solid</td>
<td>22 AWG</td>
</tr>
<tr>
<td>Conductor Gauge, stranded</td>
<td>22 AWG</td>
</tr>
<tr>
<td>Conductor Type</td>
<td>Solid</td>
</tr>
<tr>
<td>Contact Plating Material</td>
<td>Precious metals</td>
</tr>
<tr>
<td>Material Type</td>
<td>Copper alloy</td>
</tr>
<tr>
<td>Plug Insertion Life, minimum</td>
<td>750 times</td>
</tr>
<tr>
<td>Plug Insertion Life, test plug</td>
<td>IEC 60603-7 compliant plug</td>
</tr>
<tr>
<td>Plug Retention Force, minimum</td>
<td>133 N</td>
</tr>
<tr>
<td>Termination Contact Plating</td>
<td>Nickel</td>
</tr>
<tr>
<td>Termination Type</td>
<td>IDC</td>
</tr>
<tr>
<td>Wiring</td>
<td>T568A</td>
</tr>
</tbody>
</table>

## Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>RoHS 2011/65/EU</td>
<td>Compliant</td>
</tr>
<tr>
<td>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
</tr>
</tbody>
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