

# MGS400



## GigaSPEED XL® MGS400 Series Category 6 U/UTP Information Outlet

### Product Classification

**Regional Availability**

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

**Portfolio**

SYSTIMAX®

**Product Type**

Modular jack

**Product Brand**

GigaSPEED XL®

**Product Series**

MGS400

### General Specifications

**ANSI/TIA Category**

6

**Cable Type**

Unshielded

**Conductor Type**

Solid | Stranded

**Termination Type**

IDC

**Wiring**

T568A | T568B

### Dimensions

**Height**

19.4 mm | 0.764 in

**Width**

21.08 mm | 0.83 in

**Depth**

30.2 mm | 1.189 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

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<b>Dielectric Withstand Voltage, RMS, conductive surface</b>	1,500 Vac @ 60 Hz
<b>Dielectric Withstand Voltage, RMS, contact-to-contact</b>	1,000 Vac @ 60 Hz
<b>Insulation Resistance, minimum</b>	500 MOhm
<b>PoE Durability</b>	Supports IEEE 802.3bt Type 4 (90 W) applications after 3000 plug to jack mating cycles

## Material Specifications

<b>Contact Plating Material</b>	Precious metals
<b>Material Type</b>	Copper alloy   High-impact, flame retardant, thermoplastic
<b>Termination Contact Plating</b>	Nickel

## Mechanical Specifications

<b>Plug Retention Force, minimum</b>	133 N   29.9 lbf
<b>Plug to Jack Mating Cycles</b>	Complies to IEC 60603-7 series

## Environmental Specifications

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

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

