



## GigaSPEED X10D® MGS600 Series Information Outlet, black

- Electrical performance guaranteed to meet or exceed the channel specifications to ISO/IEC 11801 Class EA and ANSI/TIA-568-C.2 Category 6A
- Patented crossing of straddling pair contacts enables efficient alien crosstalk reduction in the channel
- Snaps into standard M-series faceplates, surface-mount boxes, consolidation point boxes and modular panels
- Mountable either at 90 degrees (straight) or 45 degrees (angled) in M-series faceplate
- Universal design and label supports both T568 A & B wiring
- IDC connector terminations on rear of base allow quick and easy installation of 22 to 24 AWG cable
- Support network line speeds up to at least 10 gigabits per second
- Low-profile rear protective strain relief cap, protects against contamination and secures the connection

## Product Classification

### Regional Availability

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

### Portfolio

SYSTIMAX®

### Product Type

Modular jack

### Product Brand

GigaSPEED X10D®

## General Specifications

### ANSI/TIA Category

6A

### Cable Type

Unshielded

### Color

Black

### Conductor Type

Solid | Stranded

### Integrated Dust Cover Type

None

### Mounting Note

Color matches with M-series Black Faceplates and Surface Mount Boxes

### Termination Type

IDC

### Wiring

T568A | T568B

## Dimensions

### Height

20.32 mm | 0.8 in

### Width

20.38 mm | 0.802 in

# 760092361 | MGS600-003

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|   |                   |
|---|-------------------|
| <b>Depth</b>                                | 30.48 mm   1.2 in |
| <b>Compatible Conductor Gauge, solid</b>    | 22 AWG   24 AWG   |
| <b>Compatible Conductor Gauge, stranded</b> | 22 AWG   24 AWG   |

## Electrical Specifications

|  |  |
|--|--|
| <b>Contact Resistance Variation, maximum</b>                 | 20 mOhm  |
| <b>Contact Resistance, maximum</b>                           | 100 mOhm   |
| <b>Current Rating at Temperature</b>                         | 1.5 A @ 20 °C   1.5 A @ 68 °F  |
| <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>Remote Powering</b>                                       | 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

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

## 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                             |

## Packaging and Weights

|                           |          |
|---------------------------|----------|
| <b>Packaging Material</b> | Standard |
|---------------------------|----------|

**Packaging quantity**

1

### Regulatory Compliance/Certifications

**Agency**

**Classification**

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](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

