



GigaSPEED X10D® MGS600 Series Information Outlet, black

Product Classification

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| Portfolio             | SYSTIMAX®                                                           |
| Brand                 | GigaSPEED X10D®                                                     |
| 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                                     | 6A                             |
| Contact Resistance Variation, maximum                 | 20 mOhm                        |
| Contact Resistance, maximum                           | 100 mOhm                       |
| Current Rating                                        | 1.5 A @ 20 °C<br>1.5 A @ 68 °F |
| Dielectric Withstand Voltage, RMS, conductive surface | 1500 Vac @ 60 Hz               |
| Dielectric Withstand Voltage, RMS, contact-to-contact | 1000 Vac @ 60 Hz               |
| Insulation Resistance, minimum                        | 500 MOhm                       |

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      |                                                            |
| Conductor Gauge, solid         | 22 AWG   24 AWG                                            |
| Conductor Gauge, stranded      | 22 AWG   24 AWG                                            |
| Conductor Type                 | Solid   Stranded                                           |
| Contact Plating Material       | Precious metals                                            |
| Material Type                  | Copper alloy   High-impact, flame retardant, thermoplastic |
| Plug Insertion Life, minimum   | 750 times                                                  |
| Plug Insertion Life, test plug | IEC 60603-7 compliant plug                                 |
| Plug Retention Force, minimum  | 30 lbf   133 N                                             |
| Termination Contact Plating    | Nickel                                                     |
| Termination Type               | IDC                                                        |
| Wiring                         | T568A   T568B                                              |

Regulatory Compliance/Certifications

|                 |                                                                                |
|-----------------|--------------------------------------------------------------------------------|
| Agency          | Classification                                                                 |
| RoHS 2011/65/EU | Compliant                                                                      |
| ISO 9001:2015   | Designed, manufactured and/or distributed under this quality management system |

