

GigaSPEED X10D® HGS620 Shielded High Density Information Outlet

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
Application	Adapts to M Series and Keystone
Cable Type	Shielded
Color	Silver
Conductor Type	Solid Stranded
Outlet Type	High density
Termination Type	IDC
Wiring	T568A T568B

Dimensions

Height	19.56 mm 0.77 in
Width	17.02 mm 0.67 in
Depth	33.53 mm 1.32 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 | Tin | Zinc

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

25

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



Included Products

760154187 — High Density M-Series Adapter, white

