760152801 | HGS620

GigaSPEED X10D® HGS-Series Modular Jack, RJ45, Cat6A, Shielded, Silver

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	SYSTIMAX®
Product Type	Modular jack
Product Brand	GigaSPEED X10D®
Product Series	HGS620

General Specifications

ANSI/TIA Category	6A
Application	Adapts to M Series and Keystone
Cable Type	Shielded
Color	Silver
Conductor Type	Solid	Stranded
Integrated Dust Cover Type	None
Outlet Type	High density
Termination Type	IDC
Transmission Standards	ANSI/TIA-568-D.2	ISO/IEC 11801 Class EA
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

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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

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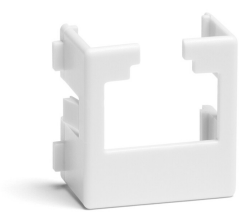|	
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

Included Products

760154187 — HGS620 M-Series Adapter, White (25 ea/pkg)
HGS-A-MS-WH-25

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HGS620 M-Series Adapter, White (25 ea/pkg)

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	CommScope®
Product Type	Adapter
Ordering Note	Minimum order quantity, 20 packs

General Specifications

Color	White
Integrated Dust Cover Type	None

Dimensions

Height	17.53 mm	0.69 in
Width	18.54 mm	0.73 in
Depth	9.14 mm	0.36 in

Material Specifications

Material Type	High-impact, flame retardant, thermoplastic

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)
Flammability Rating	UL 94 V-0
Safety Standard	UL	cUL

Packaging and Weights

Packaging quantity	25

Regulatory Compliance/Certifications

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Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
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ROHS	Compliant
UK-ROHS	Compliant

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