760241197 | SL10G-DC-BK

SL-Series Modular Jack, RJ45, Cat6A Unshielded, with Dust Cover, Black

- Color is more prominently visible across the body of the jack
- Allows for all jack variants to be terminated with the SL termination tool
- Lacing fixture of the SL termination tool is used to establish the cable termination

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America
Portfolio	NETCONNECT®
Product Type	Modular jack
Product Series	SL Series

General Specifications

ANSI/TIA Category	6A
Cable Type	Unshielded
Color	Black
Conductor Type	Solid	Stranded
Integrated Dust Cover Type	Hinged
Mounting	SL Series faceplates and panels
Mounting Note	Color matches with SL-style Black Faceplates and Surface Mount Boxes
Outlet Type	Standard
Termination Punchdowns, minimum	5 times
Termination Tool	SL Termination tool
Termination Type	IDC
Transmission Standards	ANSI/TIA-568.2-D	ISO/IEC 11801 Class EA
Wiring	T568A	T568B

Dimensions

Panel Cutout, recommended	14.78 x 20.07 mm (0.58 x 0.79 in)
Panel Thickness, recommended	1.6 mm	0.063 in
Height	16.13 mm	0.635 in
Width	14.48 mm	0.57 in

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Depth	30.48 mm	1.2 in
Compatible Cable Diameter, maximum	7.24 mm	0.285 in
Compatible Insulated Conductor Diameter, maximum	1.45 mm	0.057 in
Contact Plating Thickness	1.27 µm
Compatible Conductor Gauge, solid	22 AWG	24 AWG
Compatible Conductor Gauge, stranded	24 AWG	26 AWG

Electrical Specifications

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
PoE Durability	Supports IEEE 802.3bt Type 4 (90 W) applications after 3000 plug to jack mating cycles

Material Specifications

Contact Base Material	Beryllium copper
Contact Plating Material	Gold
IDC Termination Material	Phosphor Bronze
Material Type	Copper alloy	High-impact, flame retardant, thermoplastic	Polycarbonate

Mechanical Specifications

Plug to Jack Mating Cycles	Complies to IEC 60603-7 series

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

Packaging and Weights

Packaging quantity	1
Packaging Type	Bag

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value

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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

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