

Product: REVConnect 10GX Shielded Jacks

REVConnect 10GX STP Modular Jack, Metal, T568 A/B

Product Description

REVConnect 10GX Shielded Jacks are available in single packs and 24 bulk packs.

Technical Specifications

Product Overview

Suitable Applications:	10GX Shielded System, TIA Screened Category 6A , ISO Class EA, 10GBASE-T

Physical Characteristics (Overall)

Height:	0.94 in
Width:	1.19 in
Depth:	1.63 in
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag.
Weight:	0.048 lbs

Connectors

Materials

Description	Material	Type
Front Connection	Copper Clad Flexible PCB, 50uin Gold plated contacts over Nickel	RJ45
Rear Connection	Copper alloy, Gold plated contacts over Nickel	REVConnect
Connector Body	Nickel plated zinc alloy diecast	

Electrical Characteristics

Dielectric Strength:	1,000V RMS @ 60 Hz for 1 minute (Signals to Ground)
Current Rating:	1.300 A
Insulation Resistance:	500 M-Ohm Minimum
Max Contact Resistance:	20 mOhm
Termination Resistance:	2.5 mOhm

Temperature Range

Installation Temp Range:	-10°C To +60°C
Storage Temp Range:	-40°C To +70°C
Operating Temp Range:	-10°C To +60°C

Mechanical Characteristics

Footprint/Type:	REVConnect
Tool Compatibility:	RVUTT01 Termination Tool
Plug /Jack Compatibility:	RJ45, RJ11
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	750 cycles
Termination Rear Connection:	Mated Connection

Termination Rear Connection Durability:	20 cycles
Cable/Connector Retention:	15 lbs.
Connector/Hardware Retention:	20 lbs
Plug/Connector Retention:	11.250 lbs

Standards

UL Rating:	UL94V-0
Data Category:	Category 6A
TIA/EIA Compliance:	Category 6A - TIA 568.C.2, Category 6A - ISO/IEC 11801:2002 Ed.2
IEEE Compliance:	Power Over Ethernet (PoE) IEEE 802.3at type 1 and 2 (up to 30W), IEEE802.3bt/D1.7 type 3 and 4 (up to 100W), CISCO UPOE (up to 60W), Power over HDBaseTTM (up to 100W)
Other Specification:	UL 1863, IEC 60603-7, FCC part 68-F

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2002/95/EC (RoHS):	Yes
MII Order #39 (China RoHS):	EUP 50

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL2043 Air Handling Spaces
Safety Listing:	c(UL)us Listed

Related Part Numbers

Related Parts:	Compatible with Shielded KeyConnect Patch Panels 24p and 48p, Compatible with KeyConnect Faceplates, Adapters, Boxes

Variants

Item #	Color	Packaging	Wiring Scheme
RVAMJKSME-B24	Metal	Bulk Pack (24)	T568A/B
RVAMJKSME-S1	Metal	Single Pack	T568A/B

Product Notes

Included Parts:	1 Cat 6A Shielded REVConnect Jack; 1 REVConnect Cable Manager and Cap; 1 Installation Guide
Notes:	Please see Installation Guide PX106435.

History

Update and Revision:	Revision Number: 0.233 Revision Date: 04-08-2022

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