

Product: 10GX KEYCONNECT JACKS

10GX Modular Jack, Category 6A, RJ45, KeyConnect Style

Product Description

CAT6A KeyConnect Jacks are available in several colors.

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

Height:	0.9 in
Width:	0.675 in
Depth:	1.17 in
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag. Standard pack of 50 units.
Weight:	0.016 lbs

Connectors

Materials

Description	Material	Type
Front Connection	Flexible PCB with 50 µ inch Gold over Nickel	Flexible PCB
Rear Connection	Phosphor Bronze with Tin Plating over Nickel	IDC
Connector Body	Plastic - UL94V-0	

Electrical Characteristics

Dielectric Strength:	1,000V RMS @ 60 Hz for 1 minute
Current Rating:	1.500 A
Insulation Resistance:	500 M-Ohm Minimum
Max Contact Resistance:	20 mOhm
Termination Resistance:	2.5 mOhm

Temperature Range

Installation Temperature Range:	-10°C to +60°C
Storage Temperature Range:	-40°C to +70°C
Operating Temperature Range:	-10°C to +60°C

Mechanical Characteristics

Footprint/Type:	KeyConnect
Tool Compatibility:	Belden 110 Connecting Tool
Plug /Jack Compatibility:	RJ45, RJ11
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	750 cycles
Termination Rear Connection:	IDC Connection

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

Standards

Data Category:	Category 6A
TIA/EIA Compliance:	Category 6A - TIA 568.2-D, ISO/IEC 11801:2002 Amendment 2
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7
Third Party Performance Verification:	ETL - Verified Category 6A

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

Safety Listing:	ACA, c(UL)us Listed

Related Part Numbers

Related Parts:	Compatible with KeyConnect Faceplates, Adapters, Boxes and Patch Panels

Variants

Item #	Color	Packaging
AX102281	Almond	Single Pack
AX102283	Black	Single Pack
AX104156	Blue	Single Pack
AX104158	Brown	Single Pack
AX102282	Electric White	Single Pack
AX102280	Gray	Single Pack
AX104155	Green	Single Pack
AX103073	Ivory	Single Pack
AX104152	Orange	Single Pack
AX104157	Purple	Single Pack
AX104232	Stainless Steel	Individually packaged in a plastic bag. Standard pack of 50 units.
AX104233	Stainless Steel	Individually packaged in a plastic bag. Standard pack of 50 units.
AX102288	TIA Blue	Single Pack
AX102290	TIA Brown	Single Pack
AX102287	TIA Green	Single Pack
AX102284	TIA Orange	Single Pack
AX102289	TIA Purple	Single Pack
AX102285	TIA Red	Single Pack
AX102286	TIA Yellow	Single Pack
AX104154	Yellow	Single Pack

Product Notes

Included Parts:	1 X-Bar
Notes:	Please see Installation Guide PX103771

History

Update and Revision:	Revision Number: 0.304 Revision Date: 05-10-2023

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