

Product: CAT5E KEYCONNECT JACKS

CAT5E Modular Jack, RJ45, KeyConnect Style

Product Description

CAT5E KeyConnect Jacks are available in several colors.

Technical Specifications

Product Overview

Suitable Applications:	IBDN System 1200, TIA Category 5E, ISO Class D, 1000 BASE-T

Physical Characteristics (Overall)

Height:	0.88 in
Width:	0.64 in
Depth:	1.29 in
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag. Standard pack of 50 units.
Weight:	0.014 lbs

Connectors

Materials

Description	Material	Type
Front Connection	Copper Alloy with 50 µ inch Gold over Nickel	Lead Frame
Rear Connection	Copper Alloy with Nickel Plating	IDC
Connector Body	Plastic - UL940V-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 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:	KeyConnect
Tool Compatibility:	Belden 110 Connecting Tool, MediaFlex Termination Station
Plug /Jack Compatibility:	RJ45, RJ11
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	1,000 cycles
Termination Rear Connection:	Gas Tight IDC Connection

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

Standards

Data Category:	Category 5e
TIA/EIA Compliance:	Category 5 - ISO/IEC 11801:2002 Ed.2
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7
Third Party Performance Verification:	ETL - Verified Category 5e

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

Part Number

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

Variants

Item #	Color	Packaging	Wiring Scheme
AX101308	Almond	Single Pack	T568A/B
AX101308-B24	Almond	Bulk Pack (24)	T568A/B
AX101310	Black	Single Pack	T568A/B
AX101310-B24	Black	Bulk Pack (24)	T568A/B
AX104186	Blue	Single Pack	T568A/B
AX104186-B24	Blue	Bulk Pack (24)	T568A/B
AX104188	Brown	Single Pack	T568A/B
AX104188-B24	Brown	Bulk Pack (24)	T568A/B
AX101309	Electric White	Single Pack	T568A/B
AX101309-B24	Electric White	Bulk Pack (24)	T568A/B
AX101307	Gray	Single Pack	T568A/B
AX101307-B24	Gray	Bulk Pack (24)	T568A/B
AX104185	Green	Single Pack	T568A/B
AX104185-B24	Green	Bulk Pack (24)	T568A/B
AX103079	Ivory	Single Pack	T568A/B
AX103079-B24	Ivory	Bulk Pack (24)	T568A/B
AX104182	Orange	Single Pack	T568A/B
AX104182-B24	Orange	Bulk Pack (24)	T568A/B
AX104187	Purple	Single Pack	T568A/B
AX104187-B24	Purple	Bulk Pack (24)	T568A/B
AX104183	Red	Single Pack	T568A/B
AX104183-B24	Red	Bulk Pack (24)	T568A/B
AX101315	TIA Blue	Single Pack	T568A/B
AX101317	TIA Brown	Single Pack	T568A/B
AX101314	TIA Green	Single Pack	T568A/B
AX101311	TIA Orange	Single Pack	T568A/B
AX101316	TIA Purple	Single Pack	T568A/B
AX101312	TIA Red	Single Pack	T568A/B
AX101313	TIA Yellow	Single Pack	T568A/B
AX104184	Yellow	Single Pack	T568A/B
AX104184-B24	Yellow	Bulk Pack (24)	T568A/B

Product Notes

Included Parts:	1 T-Bar
Notes:	Please see Installation Guide PX103329

History

Update and Revision:	Revision Number: 0.282 Revision Date: 03-16-2021

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