

Product: REVConnect CAT5E Jacks

REVConnect CAT5e UTP Modular Jack, T568 A/B

Product Description

REVConnect CAT5e Jacks are available in several colors and packaging quantities.

Technical Specifications

Product Overview

Suitable Applications:	1200 System, TIA Category 5E, ISO Class D, 1GBASE-T

Physical Characteristics (Overall)

Height:	0.94 in
Width:	0.64 in
Depth:	1.337 in
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag.
Weight:	0.016 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	PBT glass reinforced UL94V-0	

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:	REVConnect Termination Tool (p/n RVUTT01)
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 5e
TIA/EIA Compliance:	Category 5e - TIA 568.2-D, ISO/IEC 11801-1
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, ANSI/TIA 1096-A (formely 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

Part Number

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

Variants

Item #	Color	Packaging	Wiring Scheme
RV5MJKUAL-B24	Almond	Bulk Pack (24)	T568A/B
RV5MJKUAL-S1	Almond	Single Pack	T568A/B
RV5MJKUBK-B24	Black	Bulk Pack (24)	T568A/B
RV5MJKUBK-S1	Black	Single Pack	T568A/B
RV5MJKUBL-B24	Blue	Bulk Pack (24)	T568A/B
RV5MJKUBL-S1	Blue	Single Pack	T568A/B
RV5MJKUBR-B24	Brown	Bulk Pack (24)	T568A/B
RV5MJKUBR-S1	Brown	Single Pack	T568A/B
RV5MJKUGY-B24	Gray	Bulk Pack (24)	T568A/B
RV5MJKUGY-S1	Gray	Single Pack	T568A/B
RV5MJKUGN-B24	Green	Bulk Pack (24)	T568A/B
RV5MJKUGN-S1	Green	Single Pack	T568A/B
RV5MJKUIV-B24	Ivory	Bulk Pack (24)	T568A/B
RV5MJKUIV-S1	Ivory	Single Pack	T568A/B
RV5MJKUOR-B24	Orange	Bulk Pack (24)	T568A/B
RV5MJKUOR-S1	Orange	Single Pack	T568A/B
RV5MJKUPR-B24	Purple	Bulk Pack (24)	T568A/B
RV5MJKUPR-S1	Purple	Single Pack	T568A/B
RV5MJKURD-B24	Red	Bulk Pack (24)	T568A/B
RV5MJKURD-S1	Red	Single Pack	T568A/B
RV5MJKUTB-B24	TIA Blue	Bulk Pack (24)	T568A/B
RV5MJKUTB-S1	TIA Blue	Single Pack	T568A/B
RV5MJKUTN-B24	TIA Brown	Bulk Pack (24)	T568A/B
RV5MJKUTN-S1	TIA Brown	Single Pack	T568A/B
RV5MJKUTG-B24	TIA Green	Bulk Pack (24)	T568A/B
RV5MJKUTG-S1	TIA Green	Single Pack	T568A/B
RV5MJKUTO-B24	TIA Orange	Bulk Pack (24)	T568A/B
RV5MJKUTO-S1	TIA Orange	Single Pack	T568A/B
RV5MJKUTP-B24	TIA Purple	Bulk Pack (24)	T568A/B
RV5MJKUTP-S1	TIA Purple	Single Pack	T568A/B
RV5MJKUTR-B24	TIA Red	Bulk Pack (24)	T568A/B
RV5MJKUTY-B24	TIA Yellow	Bulk Pack (24)	T568A/B
RV5MJKUTY-S1	TIA Yellow	Single Pack	T568A/B

RV5MJKUEW-B24	White	Bulk Pack (24)	T568A/B
RV5MJKUEW-S1	White	Single Pack	T568A/B
RV5MJKUYL-B24	Yellow	Bulk Pack (24)	T568A/B
RV5MJKUYL-S1	Yellow	Single Pack	T568A/B

Product Notes

Included Parts:	1 Cat 5e REVConnect Jack; 1 REVConnect Cable Manager and Cap; 1 Installation Guide
Notes:	Please see Installation Guide PX106434.

History

Update and Revision:	Revision Number: 0.216 Revision Date: 03-16-2021

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