BELDEN

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 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:	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 Standards:	IEC 60603-7

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 KeyConnect Faceplates, Adapters, Boxes and Patch Panels

Variants

Item #	Color	Packaging
RV5MJKUAL-B24	Almond	Bulk Pack (24)
RV5MJKUAL-S1	Almond	Single Pack
RV5MJKUBK-B24	Black	Bulk Pack (24)
RV5MJKUBK-S1	Black	Single Pack
RV5MJKUBL-B24	Blue	Bulk Pack (24)
RV5MJKUBL-S1	Blue	Single Pack
RV5MJKUBR-B24	Brown	Bulk Pack (24)
RV5MJKUBR-S1	Brown	Single Pack
RV5MJKUGY-B24	Gray	Bulk Pack (24)
RV5MJKUGY-S1	Gray	Single Pack
RV5MJKUGN-B24	Green	Bulk Pack (24)
RV5MJKUGN-S1	Green	Single Pack
RV5MJKUIV-B24	Ivory	Bulk Pack (24)
RV5MJKUIV-S1	Ivory	Single Pack
RV5MJKUOR-B24	Orange	Bulk Pack (24)
RV5MJKUOR-S1	Orange	Single Pack
RV5MJKUPR-B24	Purple	Bulk Pack (24)
RV5MJKUPR-S1	Purple	Single Pack
RV5MJKURD-B24	Red	Bulk Pack (24)
RV5MJKURD-S1	Red	Single Pack
RVAMJKUTB-B24	TIA Blue	Bulk Pack (24)
RVAMJKUTB-S1	TIA Blue	Single Pack
RVUDCTB-B24	TIA Blue	Individually packaged in a plastic bag.
RVUICTB-B24	TIA Blue	Bulk Pack (24)
RVAMJKUTN-B24	TIA Brown	Bulk Pack (24)
RVAMJKUTN-S1	TIA Brown	Single Pack
RVUDCTN-B24	TIA Brown	Individually packaged in a plastic bag.
RVUICTN-B24	TIA Brown	Bulk Pack (24)
RVAMJKUTG-B24	TIA Green	Bulk Pack (24)
RVAMJKUTG-S1	TIA Green	Single Pack
RVUDCTG-B24	TIA Green	Individually packaged in a plastic bag.
RVUICTG-B24	TIA Green	Bulk Pack (24)
RV5MJKUTO-B24	TIA Orange	Bulk Pack (24)

RV5MJKUTO-S1	TIA Orange	Single Pack
RVAMJKUTO-B24	TIA Orange	Bulk Pack (24)
RVAMJKUTO-S1	TIA Orange	Single Pack
RVUDCTO-B24	TIA Orange	Individually packaged in a plastic bag.
RVUICTO-B24	TIA Orange	Bulk Pack (24)
RV5MJKUTP-B24	TIA Purple	Bulk Pack (24)
RV5MJKUTP-S1	TIA Purple	Single Pack
RVAMJKUTP-B24	TIA Purple	Bulk Pack (24)
RVAMJKUTP-S1	TIA Purple	Single Pack
RVUDCTP-B24	TIA Purple	Individually packaged in a plastic bag.
RVUICTP-B24	TIA Purple	Bulk Pack (24)
RV5MJKUTR-B24	TIA Red	Bulk Pack (24)
RVAMJKUTR-B24	TIA Red	Bulk Pack (24)
RVAMJKUTR-S1	TIA Red	Single Pack
RVUDCTR-B24	TIA Red	Individually packaged in a plastic bag.
RVUICTR-B24	TIA Red	Bulk Pack (24)
RV5MJKUTY-B24	TIA Yellow	Bulk Pack (24)
RV5MJKUTY-S1	TIA Yellow	Single Pack
RVAMJKUTY-B24	TIA Yellow	Bulk Pack (24)
RVAMJKUTY-S1	TIA Yellow	Single Pack
RVUDCTY-B24	TIA Yellow	Individually packaged in a plastic bag.
RVUICTY-B24	TIA Yellow	Bulk Pack (24)
RV5MJKUEW-B24	White	Bulk Pack (24)
RV5MJKUEW-S1	White	Single Pack
RV5MJKUYL-B24	Yellow	Bulk Pack (24)
RV5MJKUYL-S1	Yellow	Single Pack

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: 0.339 Revision Date: 02-12-2024