



**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

|                        |   |
|------------------------|---|
| Environmental Space:   | Indoor  |
| 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  |
| Telecommunications Standards: | Category 5e - TIA 568.2-D, ISO/IEC 11801-1   |
| IEEE Specification:           | 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 (formerly FCC Part 68-F)   |

## Applicable Environmental and Other Programs

|                                       |            |
|---------------------------------------|------------|
| EU Directive 2002/95/EC (RoHS):       | Yes        |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2006-07-01 |
| MII Order #39 (China RoHS):           | EUP 50     |

## Flammability, LSOH, 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

|        |   |
|--------|---|
| Notes: | Please see Installation Guide PX106434. |
|--------|---|

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.154 Revision Date: 03-02-2020 |
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