



**Product:** [REVConnect 10GX Shielded Jacks](#)

REVConnect 10GX STP Modular Jack, Metal, T568 A/B, - select below appropriate part number to fit used cable

Product Description

REVConnect 10GX Shielded Jacks are available for Insulated wire diameter 0.9mm up to 1.3mm or 1.3mm up to 1.45mm

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

|                |                                         |
|----------------|-----------------------------------------|
| Height:        | 0.94 in                                 |
| Width:         | 1.19 in                                 |
| Depth:         | 1.63 in                                 |
| Wiring Scheme: | T568A/B                                 |
| Packaging:     | Individually packaged in a plastic bag. |
| Weight:        | 0.048 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   | Nickel plated zinc alloy diecast                                 |            |

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:                      | RVUTT01 Termination Tool |
| 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 6A                                                                                                                                                            |
| TIA/EIA Compliance: | Category 6A - TIA 568.C.2, Category 6A - ISO/IEC 11801:2002 Ed.2                                                                                                       |
| 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 Shielded KeyConnect Patch Panels 24p and 48p, Compatible with KeyConnect Faceplates, Adapters, Boxes |
|----------------|----------------------------------------------------------------------------------------------------------------------|

Variants

| Item #        | Color | Packaging      | Insulated Wire Diameter |
|---------------|-------|----------------|-------------------------|
| RVAMJKSME-B24 | Metal | Bulk Pack (24) | 0.9mm up to 1.3mm       |
| RVAEJKSME-B24 | Metal | Bulk Pack (24) | 1.3mm up to 1.45mm      |
| RVAEJKSME-S1  | Metal | Single Pack    | 1.3mm up to 1.45mm      |
| RVAMJKSME-S1  | Metal | Single Pack    | 0.9mm up to 1.3mm       |

Product Notes

|                 |                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------|
| Included Parts: | 1 Cat 6A Shielded REVConnect Jack; 1 REVConnect Cable Manager and Cap; 1 Installation Guide |
| Notes:          | Please see Installation Guide PX106435.                                                     |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.351 Revision Date: 02-13-2024 |
|----------------------|--------------------------------------------------|

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