

# 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

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|---|---|
| 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

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|---|---|
| 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

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|---|---|
| Environmental Space: | Indoor |
| EU Directive 2002/95/EC (RoHS): | Yes |
| MII Order #39 (China RoHS): | EUP 50 |

## Flammability, LS0H, Toxicity Testing

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|---|---|
| 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

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

## History

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

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