



Part Number: REVConnect 10GX Shielded Jacks

REVConnect 10GX STP Modular Jack, Metal, T568 A/B

Product Description

REVConnect 10GX Shielded Jacks are available in single packs and 24 bulk packs.

Technical Specifications

Product Overview

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|------------------------|--|
| Environmental Space: | Indoor |
| 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 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

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|--|--------------------------|
| Footprint/Type: | KeyConnect |
| 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

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|-------------------------------|--|
| UL Rating: | UL94V-0 |
| Data Category: | Category 6A |
| Telecommunications Standards: | Category 6A - TIA 568.C.2, Category 6A - ISO/IEC 11801:2002 Ed.2 |
| 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, 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, LS0H, Toxicity Testing

| | |
|------------------|----------------------------|
| UL Flammability: | UL2043 Air Handling Spaces |
| Safety Listing: | c(UL)us Listed |

Part Number

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| Related Parts: | Compatible with Shielded KeyConnect Patch Panels 24p and 48p, Compatible with KeyConnect Faceplates, Adapters, Boxes |
|----------------|--|

Variants

| Item # | Color | Packaging | Wiring Scheme |
|---------------|-------|----------------|---------------|
| RVAMJKSME-B24 | Metal | Bulk Pack (24) | T568A/B |
| RVAMJKSME-S1 | Metal | Single Pack | T568A/B |

Product Notes

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| Notes: | Please see Installation Guide PX106435. |
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