



Product: [REVConnect 10GX Shielded Plugs](#)

REVConnect 10GX STP Field Mount Plug, Metal

Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	10GX Shielded System, TIA Screened Category 6A , ISO Class EA, 10GBASE-T
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Physical Characteristics (Overall)

Height:	0.73 in
Width:	1.1 in
Depth:	1.81 in
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag.
Weight:	0.048 lbs

Electrical Characteristics

Dielectric Strength:	1,000V RMS @ 60 Hz for 1 minute (Signals to Ground)
Current Rating:	1.500 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:	KeyConnect
Tool Compatibility:	RVUTT01 Termination Tool
Plug /Jack Compatibility:	RJ45
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	750 cycles
Termination Rear Connection:	Mated Connection
Termination Rear Connection Durability:	200 cycles
Cable/Connector Retention:	15 lbs.
Connector/Hardware Retention:	20 lbs
Plug/Connector Retention:	11.250 lbs

Standards

UL Rating:	UL94V-0
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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)

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:	Refer to REVConnect WAP - CAMERA Compatibility Guide
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Variants

Item #	Color	Packaging	Insulated Wire Diameter
RVAEFPSME-B24	Metal	Bulk Pack of 24	1.3mm up to 1.45mm
RVAFPSME-B24	Metal	Bulk Pack of 24	0.9mm up to 1.3mm
RVAEFPSME-S1	Metal	Single Pack	1.3mm up to 1.45mm
RVAFPSME-S1	Metal	Single Pack	0.9mm up to 1.3mm

Product Notes

Notes:	Please see Installation Guide PX106435.
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History

Update and Revision:	Revision Number: 0.309 Revision Date: 08-08-2023
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