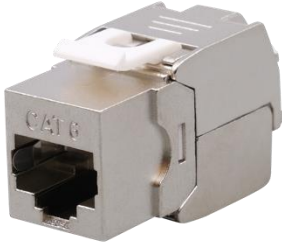


Tool-less 180° Cat 6 Shielded Keystone Jack



Model: NPN-KEY-1C6SF-180WT

Main Features:

- ✧ Tool-less Design: fast Installation without any special tools;
- ✧ Fully-shielded housing of Zinc alloy;
- ✧ Durable design: ≥ 750 mating, ≥ 250 termination;
- ✧ 3U Gold-plated contacts for enhanced conductivity;
- ✧ Dual color-coded for easy T568A/B wiring scheme.

Connector Type

Category	Cat 6
Shielding	Shielded
Connector	RJ45 Jack
Angle	180°

Material

Housing Material	PC
Shield Material	Zinc Alloy
IDC Material	PC Contact Jaw: Phosphor Bronze with Tin Plating, thickness = 0.5 mm
Contact Material	Phosphor Bronze with Nickel Plating, thickness = 0.3 mm
Contact Surface Material	Gold Plating, thickness = 3U (3 μ m or 0.0762 μ m)
PCB Material	FR-4, thickness = 1.6 mm

Electrical Properties

Voltage/Current Rating	125 VAC RMS / 1.5 A
Insulation Resistance	≥ 1000 M Ω at 500 VDC
Contact Resistance	≤ 100 m Ω
Dielectric Strength	750 VAC RMS, 60 Hz, 1 minute

Mechanical Properties

RJ45 Jack	≥ 750 mating cycles
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IDC Lifespan	≥ 250 termination cycles
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Wire Gauge	AWG 22-26
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Wiring Scheme	T568A/T568B
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Environment

Operating Temperature	-25°C to 70°C
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Operating Humidity	RH 10% to 90% (non-condensing)
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Storage Temperature	-40°C to 85°C
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Storage Humidity	RH 5% to 96% (non-condensing)
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General

Dimension	16.3 x 21.4 x 38.5 mm (WxHxD)
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Net Weight	25 g
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