

# DH-PFM3976-6A31

## Shielded CAT6A 15u" 2-piece RJ45 Connector



- Shielded CAT6A 2-piece RJ-45 connector.
- Environmental protection, high-speed internet, exquisite appearance and easy installation.
- Built with trident brass sheet and 15u" gold plating.
- Lifespan of 750 cycles.

### Series Overview

The Registered Jack (RJ) series meets all required certifications. Jacks in this series are designed with thick and wide gold plated needles that make transmission stable. All the materials used in its structure meet ROHS standards, and are eco-friendly. Also, installation is hassle-free and the jack is easy to use.

### Technical Specification

#### Category

Category	CAT6A
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#### Shielding Type

Shielding Type	Shielded
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#### Applications Standard

Applications Standard	TIA/EIA-568.2-D
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#### Material

Material	PC + brass
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Gold Plating Thickness	15u"
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Flammability Rating	UL94V-2
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#### Electrical

Operating Voltage	150 VAC RMS
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Operating Current	1.5 AMP
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Contact Resistance	≤ 20 mΩ
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Insulation Resistance	≥1000 MΩ@500 VDC
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Withstands Voltage between Terminals	1000 VDC/VAC PEAK @0.5 mA 50 Hz or 60 Hz 1 Minute
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### Mechanical

Retention Strength	50 N for 60 s ± 5 s
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Lifespan	750 times
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Insertion Force	≤ 30 N
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### Environmental

Operating Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
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Storage Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
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Storage Humidity	< 80%
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Storage Time	12 months
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### Structural

Single Strand Cable Diameter	21 AWG-23 AWG
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Single Strand Insulated Cable Diameter	1.14 mm-1.24 mm (0.045"-0.049")
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Outer Sheath Diameter	≤ 7.7 mm (0.303")
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Packaging Dimensions	120 mm × 80 mm × 90 mm (4.72" × 3.15" × 3.54")
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Transport Package Dimensions	500 mm × 350 mm × 270 mm (19.69" × 13.78" × 10.63")
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Packaging Method	100 pcs in 1 carton, and 40 cartons in 1 package
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Net Weight	0.35 kg (0.77 lb)
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Gross Weight	0.41 kg (0.90 lb)
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### Ordering Information

Type	Model	Description
RJ45 Connector	DH-PFM3976-6A31	Shielded CAT6A 15u" 2-piece RJ45 Connector

Dimensions (mm[inch])

