

Cat6a Tool-Free Module Plug

FOR DATA CENTER, NETWORK ENGINEERING CABLING, ENTERPRISE NETWORK CABLING



Overview

Cat6a RJ45 Tool-Free Modular Plug is perfect for terminating cat6a solid or stranded cables for use in high-bandwidth 10 Gigabit networks. The unique toolless design does not require the use of a crimping tool. The 6A8845-U modular plug is manufactured from high-impact polycarbonate to withstand everyday wear and tear. Three-piece design with loading bar & strain relief boot ensures easy and accurate assembly. The 6A8845-S plug is manufactured from solid zinc alloy to protect against EMI/RFI electromagnetic noise and alien crosstalk. Three-piece design with IDC terminal & strain relief boot ensures easy and accurate assembly. Three-piece design with loading bar & strain relief boot ensures easy and accurate assembly. Applications include data center, network engineering cabling, enterprise network cabling and more.

Benefits

- Tool-Free for Fast and Easy Installation
- Fully Backwards Compatible with Cat5e or Cat6
- 23-26 AWG Solid or Stranded Wire with OD Between 6.5 and 8.5mm
- 500Mhz & 10Gbase-T for Ultra-high-speed Applications Such As HDBase-T Graphics
- Superior Signal Quality with All-copper Gold-plated Terminals & PCB Board
- IDC Modules with T568A or T568B Wiring for Continuous Network
- Reusable for Disassemble It and Try Again
- Solid Zinc Alloy Housing & Screw-on Metal Strain Relief Boot Suppress EMI, NEXT, and AXT (Only for 6A8845-S)

Technical Specification

Cat5e/Cat6/Cat6a RJ45 Tool-Free Modular Plugs, Network Connectors for 23~26AWG Twisted Pair Solid or Stranded Cable

PRODUCT CHARACTERISTICS

	6A8845-U	6A8845-S
Product Type	Modular Plug	Modular Plug
Connector	RJ45 Male	RJ45 Male
Cable Type	Unshielded Cat5e/6/6a	Shielded Cat5e/6/6a
Data Rate Support	10GBase-T	10GBase-T
Compatibility	Solid or Stranded Cables	Solid or Stranded Cables
Termination Type	Tool-less	Tool-less
Wire Gauge Supported	23-26AWG Cable	23-26AWG Cable
Wiring Scheme	T568A/T568B	T568A/T568B
Operating Temperature	-40°C to 85°C	-20°C to 65°C
Approvals	RoHS	RoHS
Package	10pcs/Pack	10pcs/Pack
Color	Blue and White	Silver

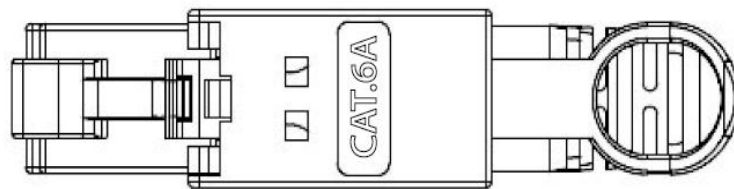
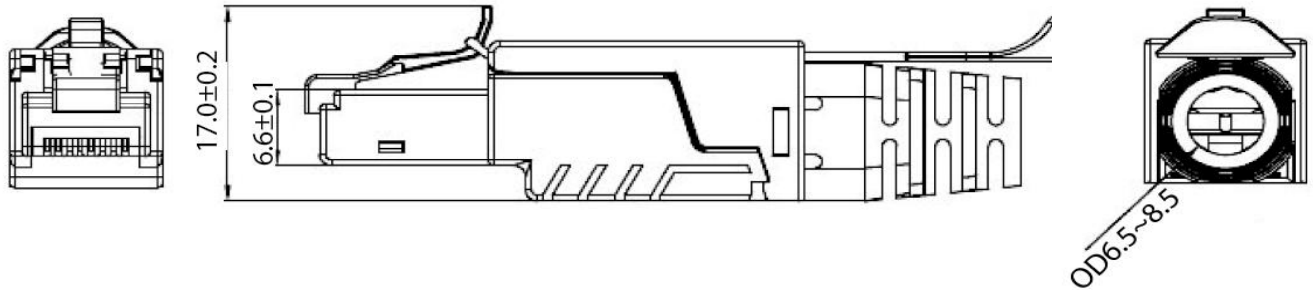
TECHNICAL CHARACTERISTICS

	6A8845-U	6A8845-S
Electrical Current Rating	1.5Amps	
Insulation Resistance	$\geq 500 \text{ M}\Omega$	
Contact Resistance	$\leq 20 \text{ m}\Omega$	
DC Resistance	$\leq 0.3 \Omega$	
DC/AC Volt Endurance	DC1000V/AC750V 1min	
Mating cycles	750 cycles minimum	
IDC mating cycles	200 cycles minimum	
Operating temperature	$-10\sim 60^{\circ}\text{C}$	
Operating humidity	10%~90%RH	
Storage temperature	-40°C to 68°C	
Physicals Housing	Zinc Die-Casting with high quality Nickel plating	
Plastic Parts	High quality engineering plastic	
PCB	FR-4, 1.6mm Thickness	
Plug Pin	0.4 mm Phosphor bronze gold over nickel plating	
IDC conductor	0.5mm Phosphor bronze, tin-plating	
Contact compatibility	accommodate 23 to 26 AWG solid	
Standards	ANSI/TIA-568.2-D-2018; ISO/IEC TR 11801-9901 Ed.1.0 (2014-10) ; ISO/IEC 60603-7-51; YD/T 926.3-2009	

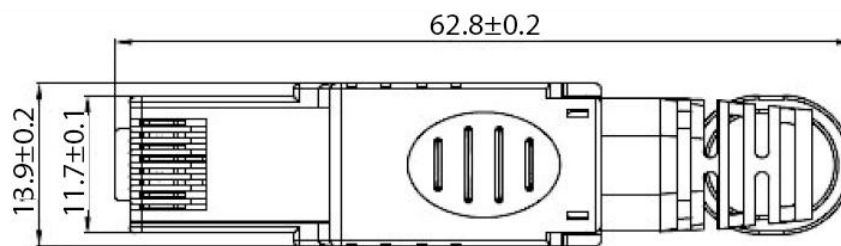
Product Specification

All the dimensions are in millimeters

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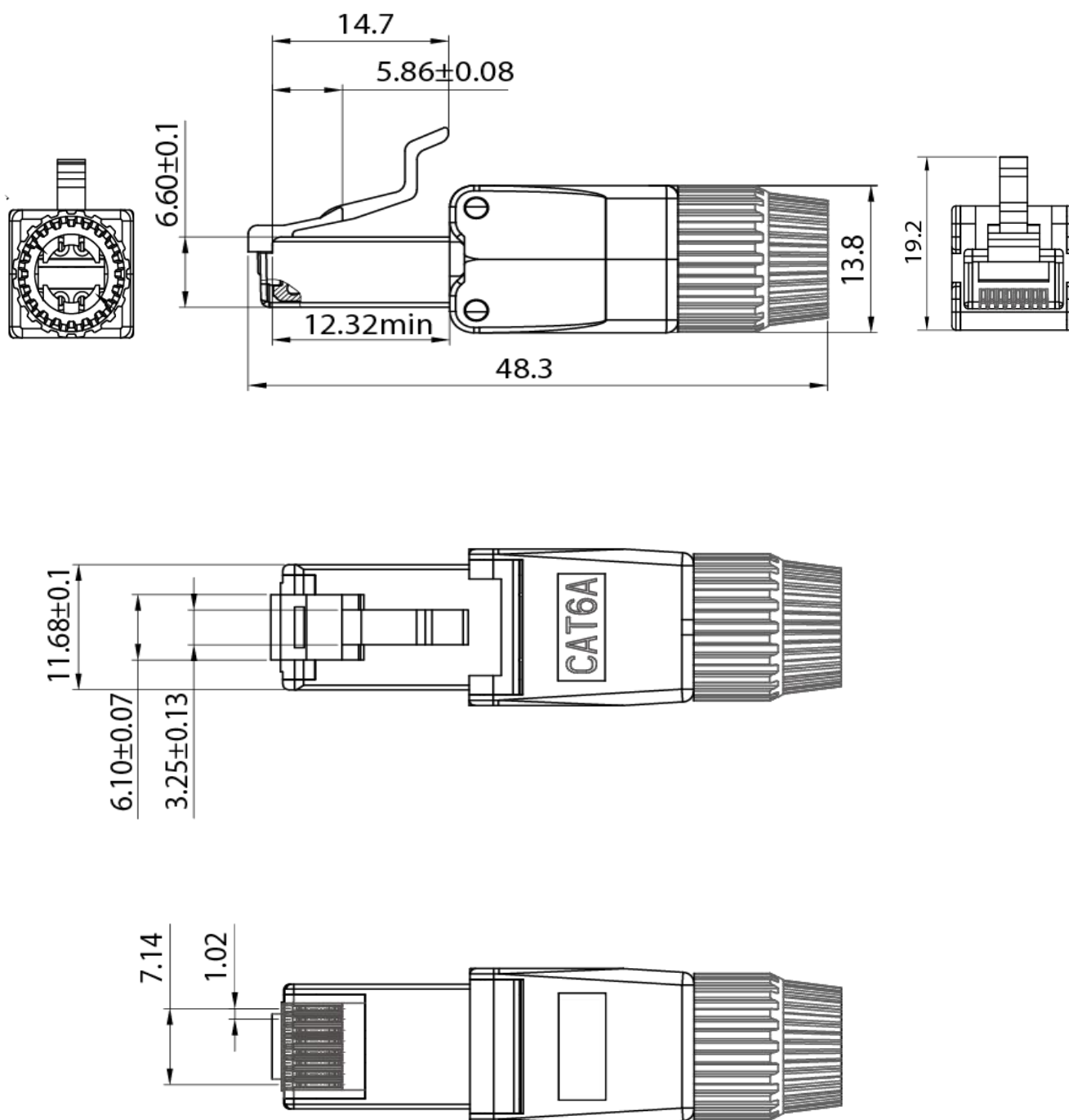


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All the dimensions are in millimeters

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