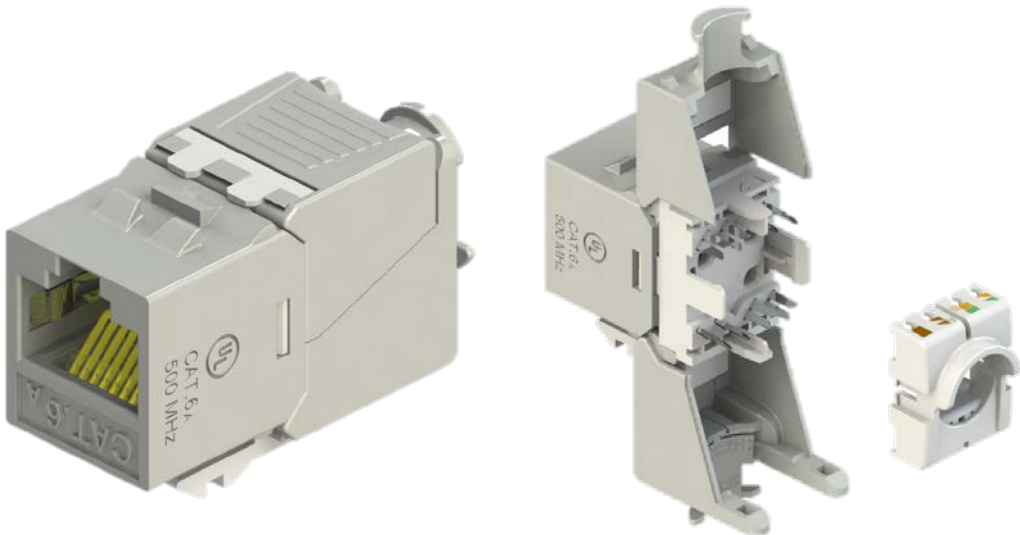


Technical Data Sheet

180 ° STP Connecting-Hardware Keystone Jack, Tool-Free, Slim Size, EC verified



Features

- High-Density design for 1U-48port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- EC verified ANSI/TIA-568.2-D Connecting-Hardware including the 4PPoE performance
- Easy and Tool-Free in field termination, T568A & B wiring
- Power over HDBaseT (PoH) applications up to 100 watts
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D / E / EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 watts
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS / REACH compliant

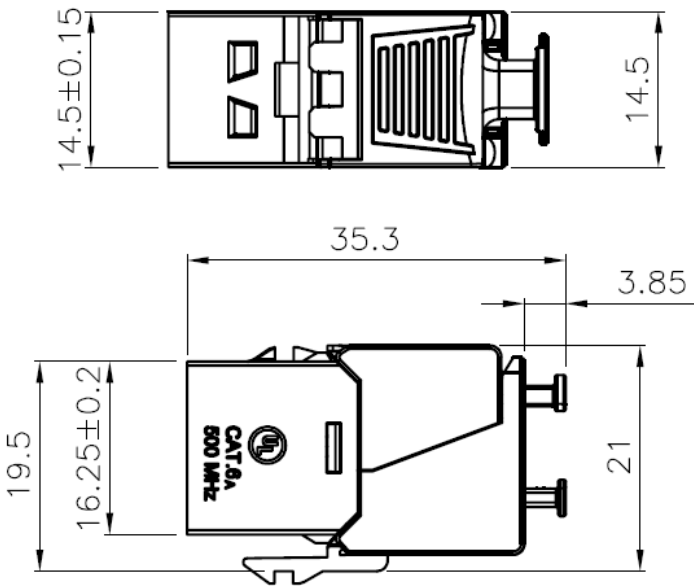
Part Number	Descriptions
AADBE 02113 03015	KJ36F-CE-FS 180 ° Cat.5E STP Connecting-Hardware Keystone Jack, Tool-Free, Slim Size
AADBE 02114 03015	KJ36F-C6-FS 180 ° Cat.6 STP Connecting-Hardware Keystone Jack, Tool-Free, Slim Size
AADBE 02116 03015	KJ36F-6A-FS 180 ° Cat.6A STP Connecting-Hardware Keystone Jack, Tool-Free, Slim Size

Packing Information

- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags & 1 Installation-Instruction per box
- 10 boxes per carton (500pcs / carton)
- Net weight 10.6 kgs per carton
- Gross weight 13.3 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

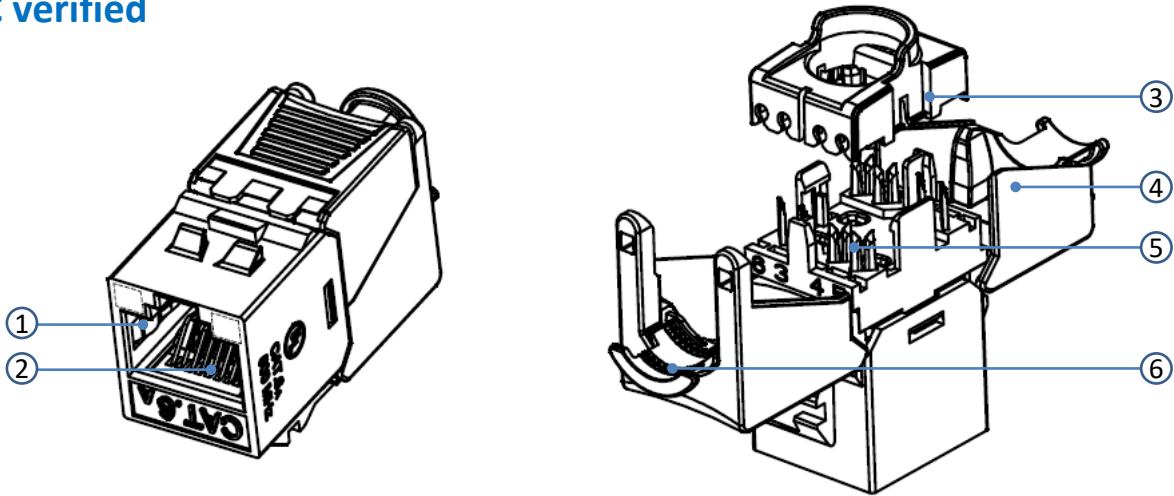
Dimensions

Unit: mm
Tolerance: ±0.3mm



Technical Data Sheet

180 ° STP Connecting-Hardware Keystone Jack, Tool-Free, Slim Size EC verified



Material Specifications

Parts

- 1. Grounding contacts
- 2. RJ45 jack
 - 2-1. Housing
 - 2-2. Contacts bracket
 - 2-3. Contacts material
 - 2-4. Contacts gold plating
- 3. Wire management cap(IDC-Cap)
- 4. Caps
- 5. IDCs
 - 5-1. Housing
 - 5-2. Terminals
- 6. Grounding block
- 7. PCB

Specifications

- Stainless steel
- Zinc Die-Casting with nickel plating
- Polycarbonate, UL94V-2, transparent color
- Phosphor bronze with nickel plating
- 50 micro-inch gold plating on surface of plug contact area
- Polycarbonate, UL94V-2, white color
- Zinc Die-Casting with nickel plating
- Polycarbonate, UL94V-2, white color
- Phosphor bronze with tin plating
- Zinc Die-Casting with nickel plating
- FR4, UL94V-0

Mechanical Characteristics

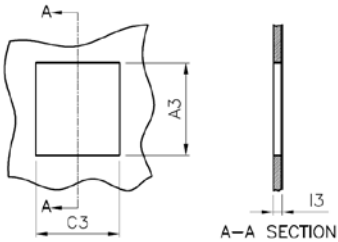
- Life (Mating cycles)
 - ≥ 750 cycles
- Mating / Un-mating force
 - ≤ 30N
- Retention strength
 - 7.7kg between jack and plug

Mounting Dimensions

Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22

Installation Information

- Wire conductor range
 - Solid and stranded, 23-26AWG
- Cable OD range
 - 5.0mm to 8.5mm
- IDC re-installing cycles
 - ≥ 20 cycles
- Installing temperature
 - 0°C to 50°C (32°F to 122°F)
- Storage temperature
 - 40°C to 70°C (-40°F to 158°F)
- Operating temperature
 - 10°C to 60°C (14°F to 140°F)
- Humidity
 - 10% to 90%RH



Electrical Characteristics

- Contact resistance
 - ≤ 20 mΩ , from initial
- Insulation resistance
 - ≥ 500 MΩ at 100 Vd.c., for 60sec.
- Voltage proof
 - contact to contact 1000 Vd.c., contact to shield 1500Vd.c., for 60sec.
- Current carrying capacity
 - 1.0A at 60°C (140°F)
- UL voltage rating
 - 150V
- PoE
 - 60Vd.c., IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 watts