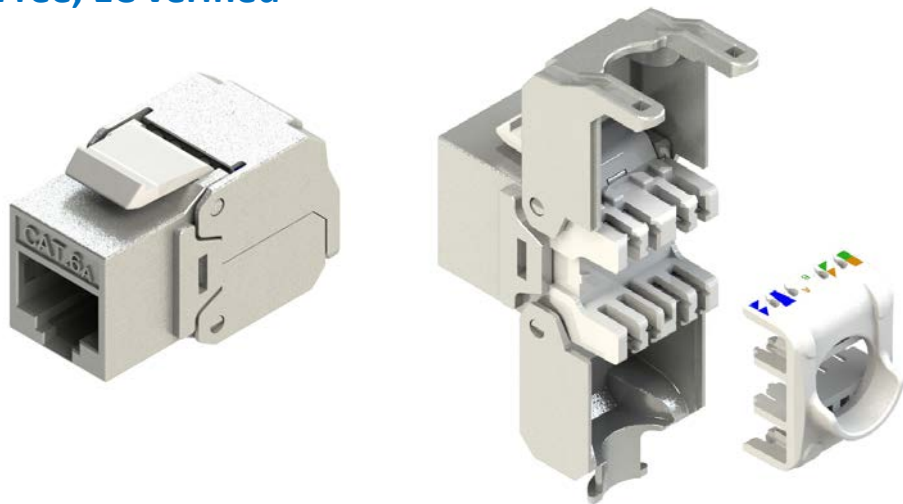


Technical Data Sheet

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



Features

- High-Density design for 1U-24port 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

AADBH 02113 00015	KJ88F-CE-FS	180 ° Cat.5E STP Connecting-Hardware Keystone Jack, Tool-Free
AADBH 02114 00015	KJ88F-C6-FS	180 ° Cat.6 STP Connecting-Hardware Keystone Jack, Tool-Free
AADBH 02116 00015	KJ88F-C6A-FS	180 ° Cat.6A STP Connecting-Hardware Keystone Jack, Tool-Free

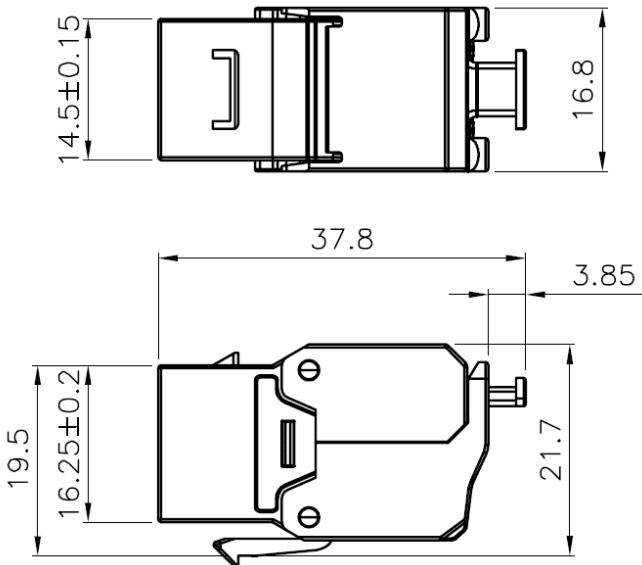
Packing Information

- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500pcs / carton)
- Net weight 11.8 kgs per carton
- Gross weight 14.5 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions

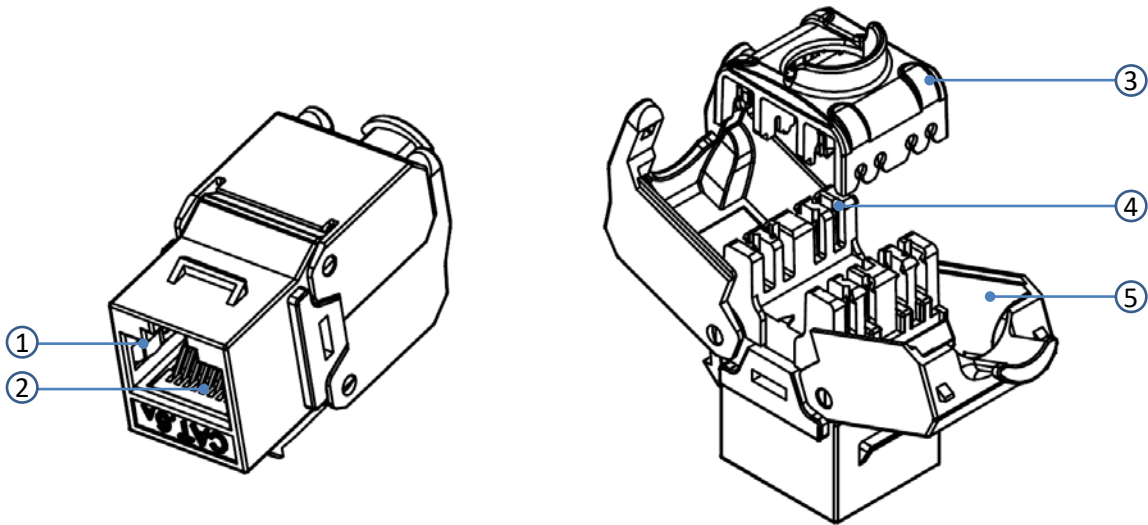
Unit: mm

Tolerance: $\pm 0.3\text{mm}$



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



Material Specifications

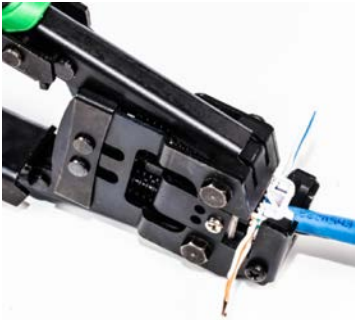
Parts

- 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. IDCs
 - 4-1. Housing
 - 4-2. Terminals
- 5. Caps
- 6. 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
- Polycarbonate, UL94V-2, gray color
- Phosphor bronze with tin plating
- Zinc Die-Casting with nickel plating
- FR4, UL94V-0

JE Termination Tool



Mechanical Characteristics

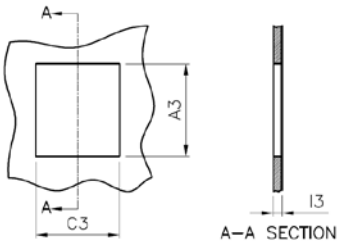
- Life (Mating cycles) ≥ 750 cycles
- Mating / Un-mating force $\leq 30N$
- Retention strength 7.7kg between jack and plug

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 $0^{\circ}C$ to $50^{\circ}C$ ($32^{\circ}F$ to $122^{\circ}F$)
- Storage temperature $-40^{\circ}C$ to $70^{\circ}C$ ($-40^{\circ}F$ to $158^{\circ}F$)
- Operating temperature $-10^{\circ}C$ to $60^{\circ}C$ ($14^{\circ}F$ to $140^{\circ}F$)
- Humidity 10% to 90%RH

Mounting Dimensions

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



Electrical Characteristics

- Contact resistance $\leq 20\text{ m}\Omega$, from initial
- Insulation resistance $\geq 500\text{ M}\Omega$ 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 $60^{\circ}C$ ($140^{\circ}F$)
- UL voltage rating 150V
- PoE 60Vd.c., IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 watts