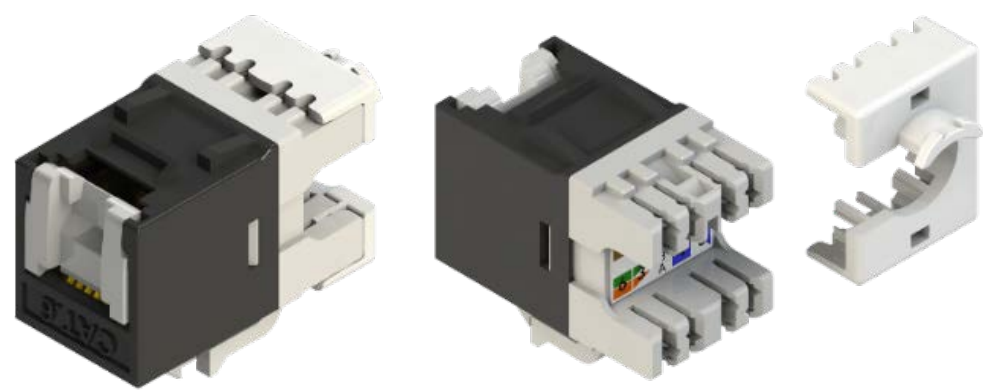


Technical Data Sheet

180 ° UTP Connecting-Hardware Keystone Jack, Punch-Down, Slim Size, Dust-Cap Type



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
- T568A & B wiring
- Power over HDBaseT (PoH) applications up to 100 watts
- UL 1863 verified
- IP20 performance by Dust-Cap design

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D / E
- IEC 60603-7
- 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
AADDD 01113 040XX	KJ88-CE-US/XX-D 180 ° Cat.5E UTP Connecting-Hardware Keystone Jack, Punch-Down, Slim Size, Dust-Cap Type
AADDD 01114 040XX	KJ88-C6-US/XX-D 180 ° Cat.6 UTP Connecting-Hardware Keystone Jack, Punch-Down, Slim Size, Dust-Cap Type

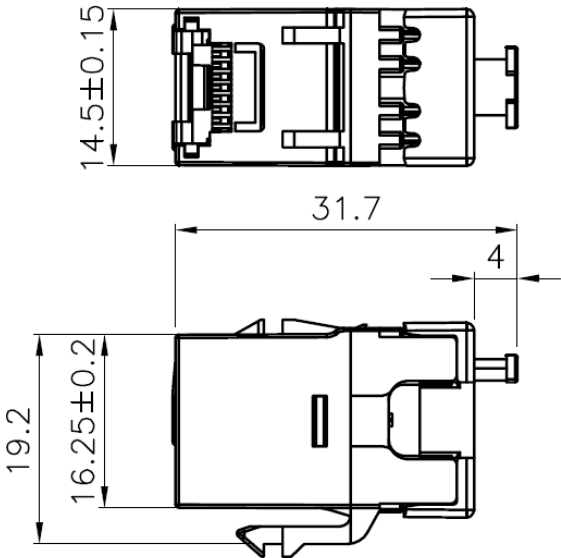
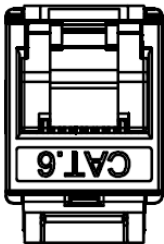
XX = Housing color, 01=Black, 02=Gray(RAL7030), 03=Red(RAL3003), 05=White(RAL9003), 06=Yellow(RAL1018), 07=Blue(RAL5012), 08=Green(RAL6016), 09=Orange(RAL2012), 13=Ivory(RAL1014)

Packing Information

- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags, 1 Punch-Support-Fixture & 1 Installation-Instruction per box
- 10 boxes per carton (500pcs / carton)
- Net weight 3.2 kgs per carton
- Gross weight 6.0 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

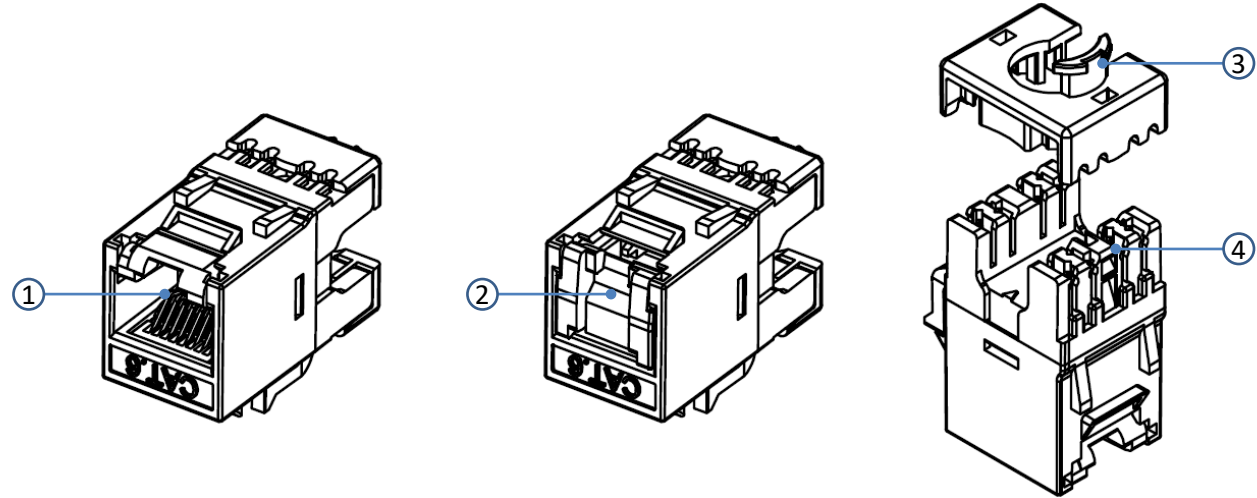
Dimensions

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



Technical Data Sheet

180 ° UTP Connecting-Hardware Keystone Jack, Punch-Down, Slim Size, Dust-Cap Type



Material Specifications

Parts

- 1. RJ45 jack
 - 1-1. Housing
 - 1-2. Contacts bracket
 - 1-3. Contacts material
 - 1-4. Contacts gold plating
- 2. Dust-Cap
- 3. IDC-Cap
- 4. IDCs
 - 4-1. Housing
 - 4-2. Terminals
- 5. PCB

Specifications

ABS/PC, UL94V-0, optional color
Polycarbonate, UL94V-2, transparent color
Phosphor bronze with nickel plating
50 micro-inch gold plating on surface of plug contact area
ABS/PC, UL94V-2, white color
Polycarbonate, UL94-HB, white color

Polycarbonate, UL94V-2, gray color
Phosphor bronze with tin plating
FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles)
- Mating / Un-mating force
- Retention strength

≥ 750 cycles
≤ 20N
7.7kg between jack and plug

Installation Information

- Wire conductor range
- Cable OD range
- IDC re-installing cycles
- Punch-Down tool
- Installing temperature
- Storage temperature
- Operating temperature
- Humidity

Solid and stranded, 23-26AWG
5.0mm to 8.5mm
≥ 20 cycles
Krone or 110 Punch-Down tool
0°C to 50°C (32°F to 122°F)
-40°C to 70°C (-40°F to 158°F)
-10°C to 60°C (14°F to 140°F)
10% to 90%RH

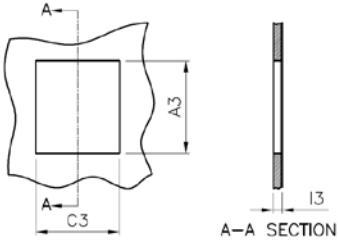
Electrical Characteristics

- Contact resistance
- Insulation resistance
- Voltage proof
- Current carrying capacity
- UL voltage rating
- PoE

≤ 20 mΩ , from initial
≥ 500 MΩ at 100 Vd.c., for 60sec.
contact to contact 1000 Vd.c., for 60sec.
1.0A at 60°C (140°F)
150V
60Vd.c., IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 watts

Mounting Dimensions

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



Wiring info.

