



## QP - KJC6A

Cat. 6A, Keystone Jack SUPER GIGA

## Keystone Jack SUPER GIGA

### Features

- Augmented Category 6 UTP keystone jack delivers excellent headroom beyond 500MHz.
- Patented PCB circuit & unique contact alignment works efficiently in suppressing the internal magnetic coupling between pairs.
- Press-fit technology is applied for full-line production to meet of RoHS compliance. Solder procedure is omitted and therefore no lead is used.
- Compact design.
- Cat.6A keystone jack leads you to the gateway that expedites 10G over copper solution.

### Specifications

#### Physical Specification

**Jack housing:** ABS high-impact UL94V-0 thermoplastic coated with anti-alien crosstalk finish

**Spring wire:** Phosphor Bronze temper wire, 50u" gold over 100u" nickel undercoat

**IDC housing:** Polycarbonate resin high-impact UL94V-0 thermoplastic

**IDC contact:** Phosphor Bronze with nickel undercoat

**Mating:** 750 mating cycles with FCC compliant RJ-45 plug

**Wire accommodation:** accommodates 22~24 solid cable for 200 times termination

**Operating temperature:**

-10°C~60°C

**Operating humidity:** 10% ~ 90%RH

**Storage temperature:** - 40°C~68°C

#### Electrical specifications:

**Insulation resistance:** 500MΩ

**Dielectric withstanding voltage:** 1000V AC

**Current rating:** 1.5Amps DC

**Resistance:** 0.1Ω

**Contact resistance:** 20mΩ

#### Standard Verification

TIA/EIA-568-B.2-10

FCC part 68, Subpart F

Amendment 1 to ISO/IEC 11801, 2nd Ed.

UL 1863

### Application

- Cat.6A channel performance, supports a 4-conductor topology for distances up to 100 metres.
- Externally coated with anti-alien crosstalk finish, effectively suppress alien crosstalk in a bundle cabling configuration.
- Press-Fit technology applied, no solder, no lead.
- Compact figure allows fitting in a 24 port-1U blank panel, 6 port faceplate/decora frame.
- Shuttered / unshuttered for options.
- Accepts 110 punch down tool