



# RJ45 Cat6 Slim Profile Jack, 110 Punch-Down

## JK-C6P1-xx - Specifications

### Description

This keystone insert consists of a RJ45 Cat6 slim profile jack female on one end and a standard 110 punch down on the other end. It fits into a standard keystone opening and used to terminate bulk Cat6 UTP cable.

### Physical Characteristics

Color Black / Blue / Green / Grey / Orange / Purple / Red / White / Yellow

Connector Plating Gold

Size Standard Keystone

### Performance

Insertion Force 20N max.

Retention Strength 16.97 lbs between Jack & Plug

Operating Temperature -10 ~ 60 degree C

Life (mating cycles) Jack: 750 cycles min.

### Connector(s)

RJ45 Cat6 Female

Standard 110 Terminate

### Approvals

c(UL)us Yes

CE Yes

### Environmental

RoHS Yes

### Packaging Information

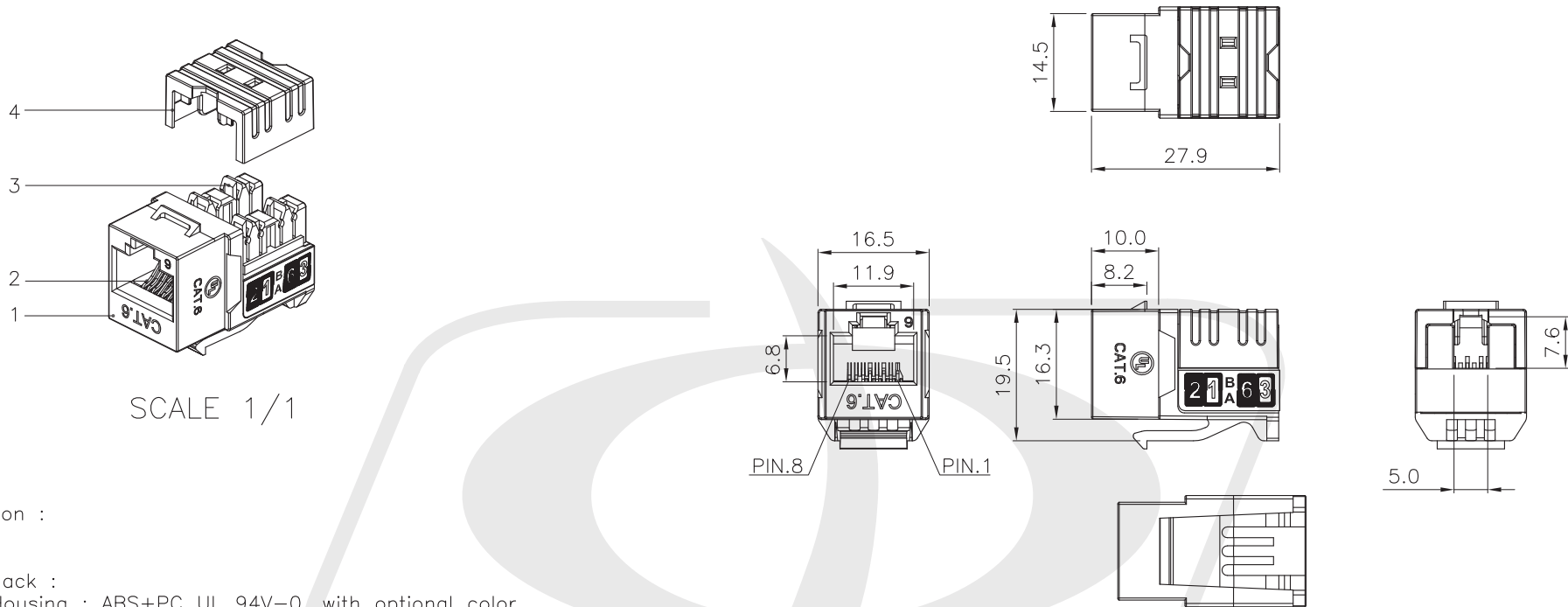
Package Quantity 1

Product Weight 0.02 lbs [0.01 kg]

### Contents

Included in Package 1 Insert





SCALE 1/1

### Specification :

#### Material :

1. RJ45 Jack :
  - 1-1. Housing : ABS+PC UL 94V-0, with optional color.
  - 1-2. Contact Bracket : PBT+Glass Fiber, UL 94V-0.
2. RJ45 Jack Contact :
  - 2-1. Material : Phosphor Bronze with Nickel plated.
  - 2-2. Finish : 50 micro-inch Gold plated on Plug contact area.
3. IDC :
  - 3-1. Housing : PC UL 94V-2, with White color.
  - 3-2. Terminal : Phosphor Bronze with Tin plated.
4. IDC Cap : ABS+PC UL 94V-0, with Black color.
5. PCB : FR4, UL 94V-0.

#### Performance :

- a. T568A & T568B wiring.
- b. Insertion Force : 20N max.(IEC 60603-7-4)
- c. Retention Strength : 7.7 kg between Jack and Plug.
- d. Operating Temperature : -10°C to 60°C.(ISO/IEC 11801, ANSI/TIA 568 C.2)
- e. Life(mating cycles) :
  - e-1. Jack : 750 cycles min.(ISO/IEC 11801, IEC 60603-7-4)
  - e-2. IDC : Suitable for 23-26 AWG stranded and solid wire, compatible with 110 punch down tool.
- f. The Cat.6 transmission performance is in compliance with the ANSI/TIA 568 C.2 standard.