



## Specification :

### Material :

1. Plastic Housing : ABS+PC, UL 94V-0.
2. RJ45 Contact material & finished :
  - 2-1. Phosphor Bronze with 50-60 micro-inch Nickel plated.
  - 2-2. Contact area : Min. 3 mm 50 micro-inch Gold plated.
3. Shield : Bronze with Nickel plated.
4. IDC Housing : Polycarbonate, UL 94V-0.
  - 4-1. Terminal material & finished : Phosphor Bronze with 50-60 micro-inch Tin-Lead Plating over 50-60 micro-inch Nickel plated.
  - 4-2. Use for 22-26 AWG stranded & solid wire.
5. IDC Holder Cover : ABS, UL 94V-0.
6. Key Lock : ABS, UL 94V-0.

### Performance :

- a. The Holder Cover codes combine two wirings of T568A & T568B.
- b. Insertion Force : 900 gms for 8 contacts.
- c. Retention Strength : 7.7 kgs between Jack and Plug.
- d. Operation Temperature : -40°C to 80°C.
- e. Durability :
  - e-1. Jack : 750 cycles Plug-Jack mating and unmating test, insertion cycles at 20 cycles/minute max. Contact resistance test per 100 cycles.
  - e-2. IDC : Max. 200 punching times.
- f. The Cat.5e performance is in compliance with the ANSI/TIA/EIA 568 B.2 standard.

**RoHS Compliant**

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

DRAWING BY CY

X.±

CHECKED BY GENIUS

.X±

UNIT / mm SCALE 1:1

.XX±

DATE

.XXX±

ANG±

SIZE A4

PPOJECTION

照片框

**ORDER INFORMATION**

**MJK16C5E-IKF50-0808-LF**

SERIES

LEADFREE

8P8C

50u" GOLD

FULL METAL

BLACK

IDT

煜倫股份有限公司

www.morethanall.com

DESCRIPTION: Cat.5e Keystone Jack, None PCB