

**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. IDC Housing : PC, UL 94V-2.
4. IDC Terminal material & finished :
  - 4-1. Phosphor Bronze with 50 micro-inch Tin-Lead plated over 50-60 micro-inch Nickel plated.
  - 4-2. Use for 23-24 AWG solid wire, max. wire OD 1.4 mm.
5. IDC CAP : PC, UL 94V-2.
6. Shield : Bronze with Nickel plated.

**Performance :**

- a. The IDC color 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**

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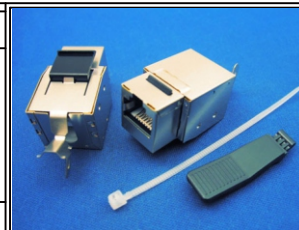
UNIT / mm SCALE 1 : 1

DATE

SIZE A4

X.±  
.X±  
.XX±  
.XXX±  
ANG±

PPOJECTION



**ORDER INFORMATION**

**MJK16C5E-TKF50-0808-LF**

SERIES

LEADFREE  
8P8C  
50u" GOLD  
FULL METAL  
BLACK  
IDT

DESCRIPTION: