



Specification :

Material :

1. RJ45 jack :
 - 1-1. Housing : Zinc die-casting with nickel plating.
 - 1-2. Contact bracket : PC, UL94-V2, transparent color.
2. RJ45 jack contacts :
 - 2-1. Material : Phosphor bronze with nickel plating.
 - 2-2. Gold plating : 50 micro-inch gold plating on surface of plug contact area.
3. Grounding contacts : Stainless steel.
4. Shutter : ABS+PC, UL94-V0, White color.
5. Cap A&B : Zinc die-casting with nickel plating.
6. IDC :
 - 6-1. Housing : PC, UL94-V2, White color.
 - 6-2. Terminal : Phosphor bronze with tin plating.
7. Cap : PC, UL94V-2, grey color(RAL7035).
8. Cable-clamper : Zinc die-casting with nickel plating.
9. PCB : FR4, UL94-V0.

Features & performance :

- a. Compliant with the IEC60603-7-1 dimension & reliability requirement.
 - b. T568A & T568B wiring.
 - c. Life (Mating cycles): Min. 750 cycles.
 - d. Mating & un-mating force: Max. 30 N.
 - e. Retention strength: 7.7 kg between jack & plug.
 - f. Wire conductor range: Solid and stranded, 22-24 AWG.
 - g. Cable OD range: 5.0-9.0mm.
 - h. IDC re-installing cycles: Min. 20 cycles.
 - i. Operating temperature: -10°C to +60°C.
- Note: The mated plug should compliant with the IEC60603-7-1 requirement.

RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1 : 1

DATE

SIZE A4

X. ± 0.50
.X ± 0.38
.XX ± 0.25
.XXX ± 0.10
ANG ± 3°

PJECTION



ORDER INFORMATION

MJK16C6A-CWF50TL-0808-LF

SERIES

LEADFREE
8P8C
TOOLESS
50u" GOLD
FULL METAL
IDC
WHITE

DESCRIPTION: **Cat6A Full Shield Keystone Jack**