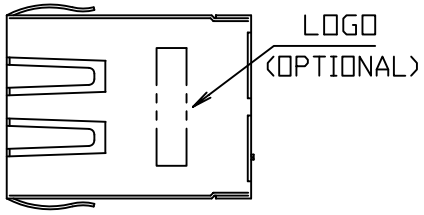
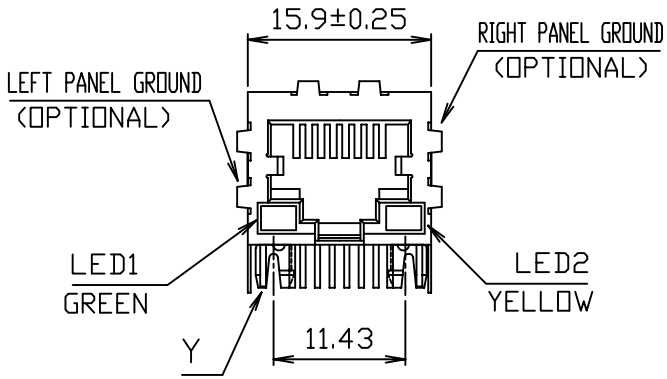
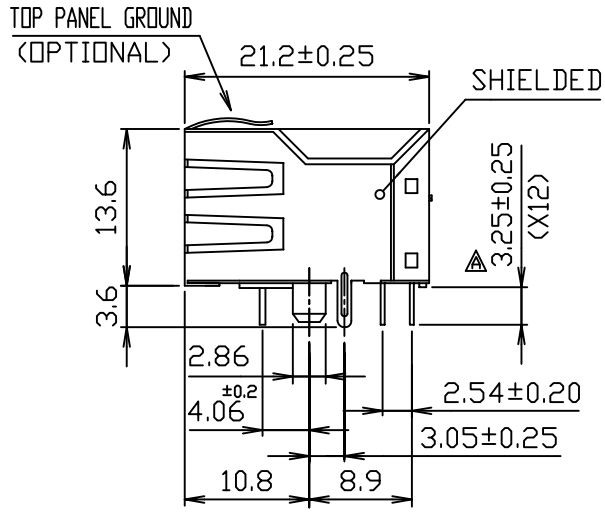
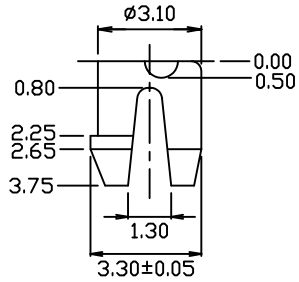








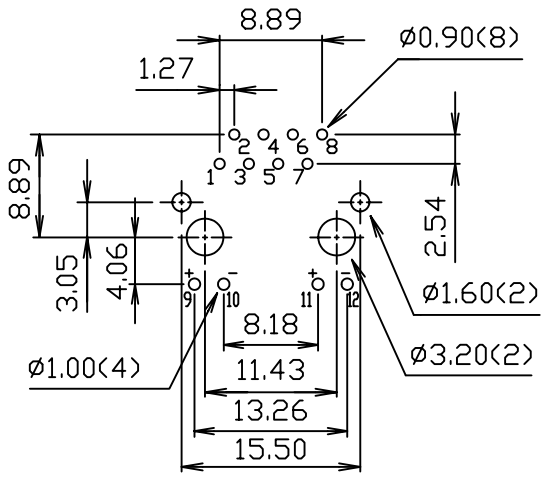
DETAIL Y

MATERIALS:

- HOUSING-PBT POLYESTER UL94V-0
  MIXED GLASS FIBER.
  STANDARD COLOR-BLACK.
- CONTACTS-0.35mm THICK PHOS-BRONZE PLATED
  WITH HARD GOLD AND TIN/LEAD IN
  SOLDER AREA.
- SHIELD-0.25mm THICK COPPER ALLOY,
  PLATED WITH NICKEL.

CAVITY CONFIRMS TO FCC RULES AND REGULATIONS
PART 68,SUBPART F.

Operating Temperature:-40°C to 105°C

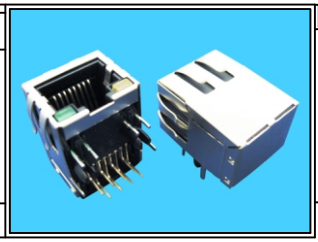


PC Board Layout
Ref.

RoHS Compliant

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES
煜倫股份有限公司
www.morethanall.com

DRAWING BY CY		TOLERANCES ARE
CHECKED BY GENIUS		X. ±
UNIT / mm	SCALE 1 : 1	.X ±
DATE		.XX ±
SIZE A4	PPOJECTION	.XXX ±
		ANG ±



ORDER INFORMATION

MJF13T45L-KF06B3GY-0808

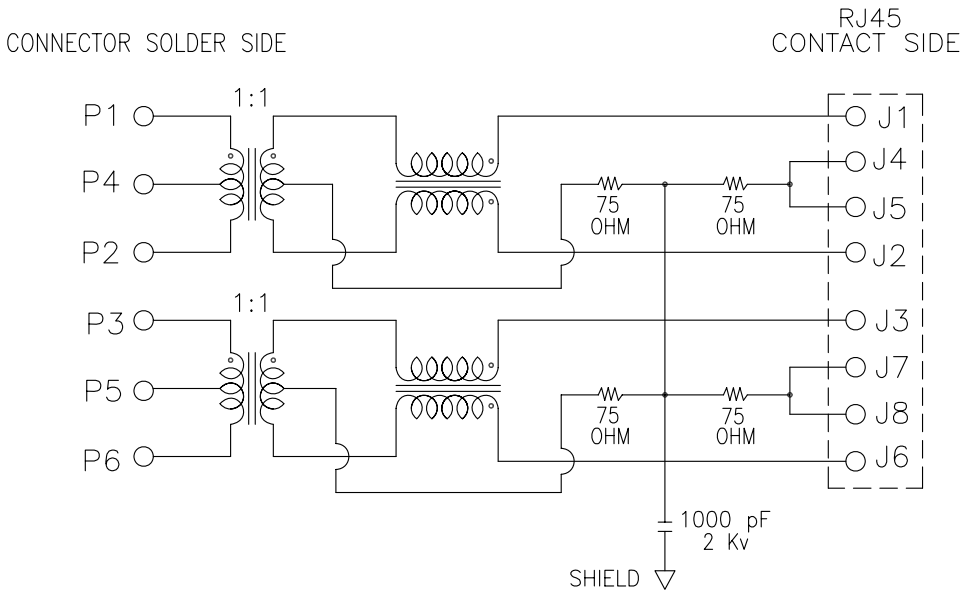
- SERIES
- BLACK
- 06u" GOLD FULL SPRING
- REAR TAB 3.05mm
- GREEN /YELLOW
- LED1 LED2
- 8P8C

DESCRIPTION: SINGLE PORT, RJ45, SHIELDED, WITH LED WITH TRANSFORMER, SIDE ENTRY PCB JACK

TRANSFORMER

ELECTRICAL CARACTERISTICS
TEST NOTES: (25°±5°C)

1. TR: (100KHz, 0.1V);
   PINS:(1−2):(J1−J2)=1CT:1CT±3%;
   PINS:(3−6):(J3−J6)=1CT:1CT±3%;
2. LX: (100KHz, 100mV, 8mA, DC Bias)
   PINS: (1,2),(3,6)=350uH MINIMUM
3. DCR:
   PINS: (1−2),(J3−J6),(J1−J2)=1.0 OHMS MAXIMUM.
   PINS: (3−6)=1.2 OHMS MAXIMUM.
4. HIPOT:
   PINS(1,4,2)TO(J1,J2)=1500VAC FOR 60 SECONDS
   PINS(3,5,6)TO(J3,J6)=1500VAC FOR 60 SECONDS
5. CAPACTIOR (1KHz,1V):
   SHIELD TO (J1−J8)=1300pF MAXIMUM AND 700pF MINIMUM
6. INSERTION LOSS:
   −1.0dB MAXIMUM AT 0.1MHz TO 100MHz
7. RETURN LOSS:
   −20dB MINIMUM AT 1MHz TO 30MHz;
   −15dB MINIMUM AT 30MHz TO 60MHz;
   −10dB MINIMUM AT 60MHz TO 100MHz
8. CROSS TALK:
   −30dB MINIMUM AT 1MHz TO 100MHz
9. COMMON TO COMMON MODE REJECTION:
   −30dB MINIMUM AT 1MHz TO 100MHz



CONNECTOR SCHEMATIC

RoHS Compliant

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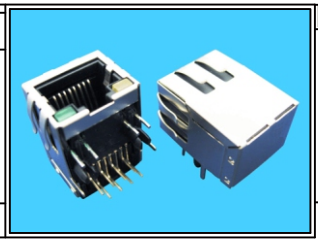

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- REAR TAB 3.05mm
- 06u" GOLD
- LED1 GY:GREEN YG:YELLOW
- LED2 /YELLOW /GREEN
- 8P8C

DESCRIPTION: SINGLE PORT, RJ45, SHIELDED, WITH LED WITH TRANSFORMER, SIDE ENTRY PCB JACK