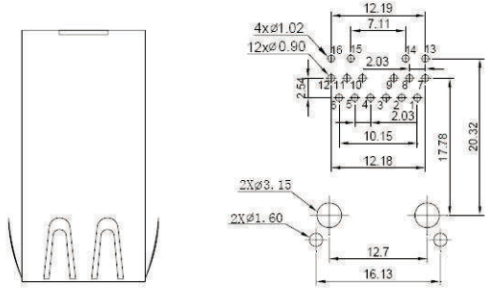
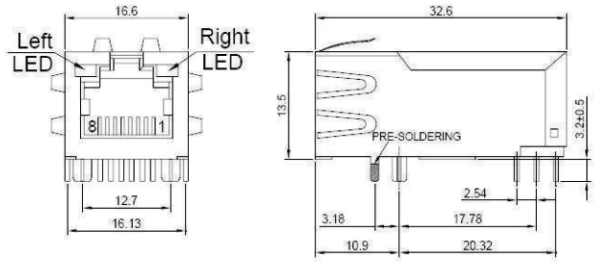
一、Mechanicals Dimensions

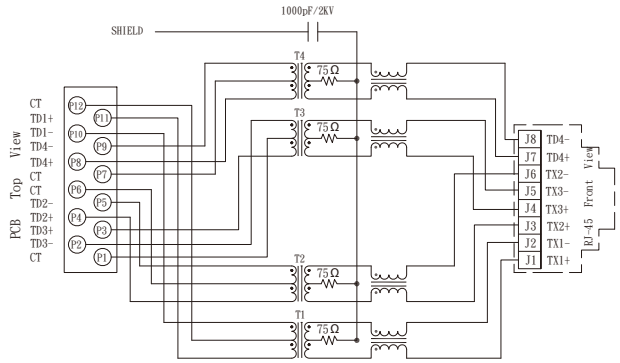


PC Board Layout
Component Side Shown



UNIT:mm Unless otherwise specified, all tolerances are ±0.25

二、Schematics



Standard LED	Wavelength	Forward V(MAX)	TYP
Green	565nm	2.5v	2.2v
Yellow	585nm	2.5v	2.1v

With a forward current of 20mA

三、ELECTRICAL SPECFICATIONS@25℃:

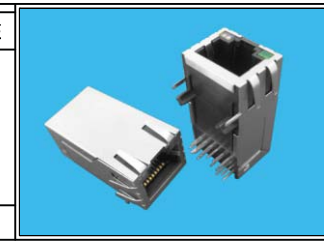
1. **Turn Ratio(±3%):** 1CT:1CT
2. **OCL(100KHz/0.1V@8mA):**350uH MIN.
3. **Insertion Loss(dB MAX):**-0.8dB(0.3-100MHz),-1.2dB(100-120MHz)
4. **Return Loss(dB MIN):** -18dB(0.5-40MHz),-12+20log(f/80MHz)dB(40-100MHz)
5. **Cross talk(dB TYP):** -33+20log(f/100MHz)dB(0.1-100MHz)
6. **CMR(dB MIN):**-30dB(0.3-100MHz)
7. **CDMR(dB TYP):**-35dB(0.3-100MHz)
8. **DCR(J1-J2,J3-J6,J4-J5,J7-J8):**1.2Ω MAX
9. **HI-POT(Pri to Sec) :** 1500Vrms/0.5mA/60Sec or 1650Vrms/0.5mA/2Sec
10. **Operating Temperature:**-40℃ TO +85℃
11. **RoHS compliance:YES**

RoHS Compliant

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

DRAWING BY CY	
CHECKED BY GENIUS	
UNIT / mm	SCALE 1 : 1
DATE	
SIZE A4	PPOJECTION

TOLERANCES ARE
X. ±
.X ±
.XX ±
.XXX ±
ANG ±



ORDER INFORMATION

MJF13T112UL-KF06A31YGGX-0808

- SERIES
- BLACK
- 06u" GOLD FULL SPRING
- FRONT TAB 3.18mm
- YELLOW/GREEN
- LED LEFT
- 8P8C
- LED RIGHT GREEN /

DESCRIPTION: 1000 Base-T Single Port Rj45 Integrated Connector Modul

四、Mechanicals

Housing Material:

MATERIAL: PA66+30%GF UL94V-0　STANDARD COLOR:BLACK

Insert Material:

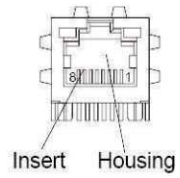
MATERIAL: QSn6.5-0.1---0.35mm Thickness

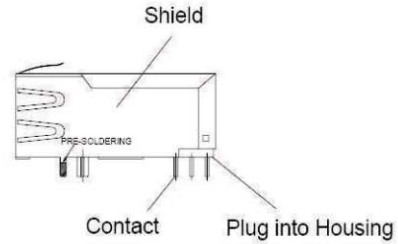
Insert –PBT GF UL94V-0

1.PLATING(1) NICKEL

2.PLATING(2) 100%Sn

3.PLATING(3) GOLD (6u ")





plug into Housing Material:

PBT+30%GF UL 94V-0

Contact pin Material:

MATERIAL: QSn6.5-0.1---0.35mm Thickness

1.PLATING(1) NICKEL

2.PLATING(2) 100%Sn

Shielding Material:

BRASS H65Y PLATING NICKEL

Operating Life:750 Cycles MIN.

五、Environmental

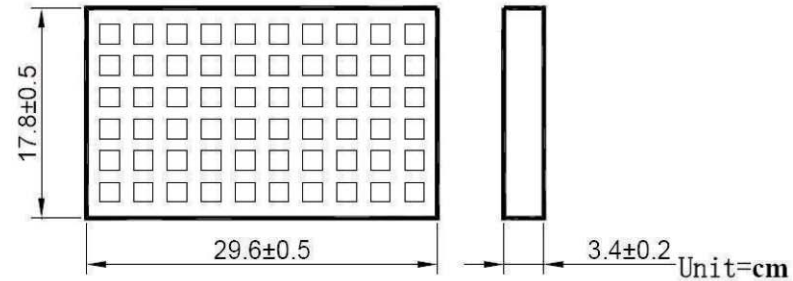
1.Storage Temp:-40℃TO +85℃.

2.Operating Temp:-40℃TO +85℃

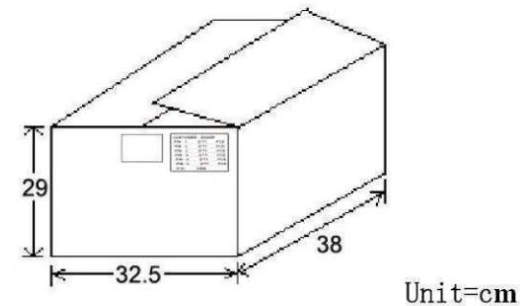
3. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68,SUBPARTF.

六、Packaging

1. packaging unit : 60 PCS/tray
2. packaging material : PET



3. outer carton unit：840 pcs/ 14 Trays/box



RoHS Compliant

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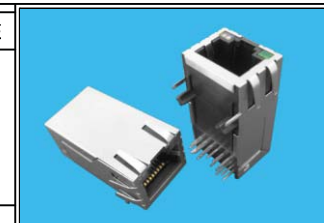
DRAWING BY CY		TOLERANCES ARE
CHECKED BY GENIUS		X. ±
UNIT / mm	SCALE 1 : 1	.X ±
DATE		.XX ±
SIZE A4	PPOJECTION	.XXX ±
		ANG ±



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