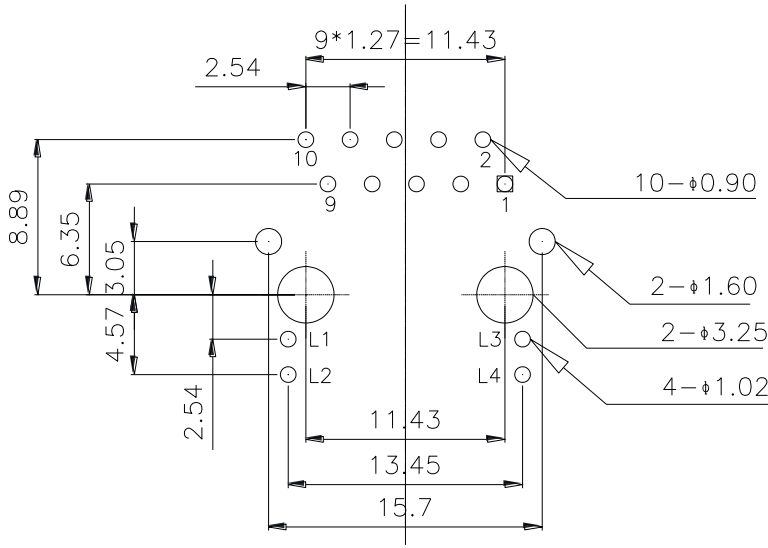
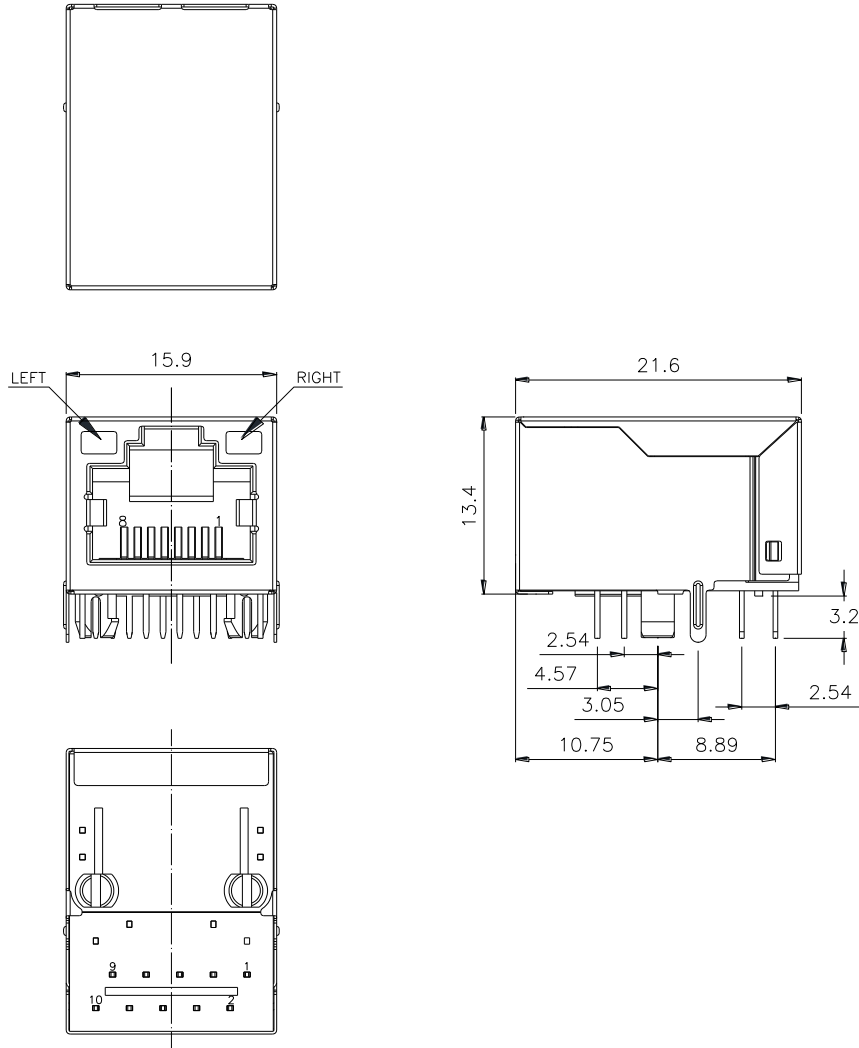


一、Mechanical Dimensions



SUGGESTED PCB PAD LAYOUT
COMPONENT SIDE VIEW

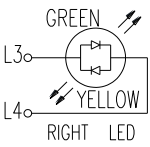
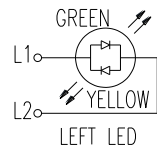
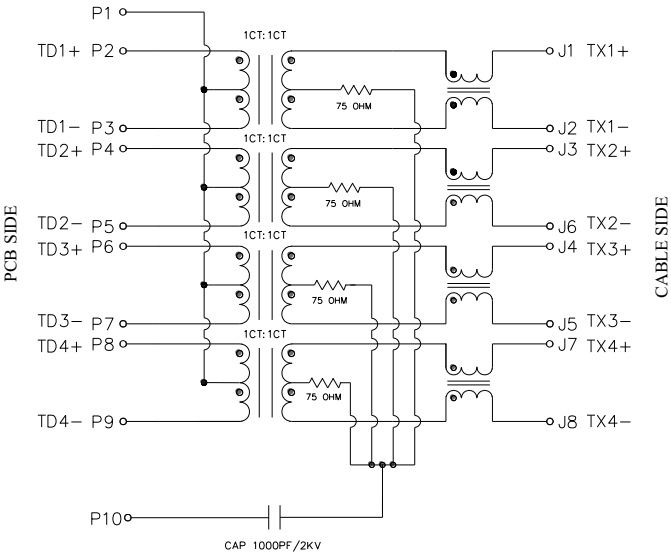
Morethanall
PCB CONNECTORS
Cable ASSEMBLIES
煜倫股份有限公司
www.morethanall.com

RoHS Compliant		TOLERANCES ARE	
DRAWING BY CY		X, ± 0.40	
CHECKED BY GENIUS		.X, ± 0.30	
UNIT / mm	SCALE 1 : 1	.XXX ±	
DATE		ANG ±	
SIZE A4	PPOJECTION		



ORDER INFORMATION			
MJF13T110UL-KX06B3GYGY24-0808			
SERIES	8P8C	LED1 / LED2	
		GREEN, YELLOW / GREEN, YELLOW	
		REAR TAB 3.05mm	
	BLACK	06u" GOLD	
	NON EAR		
DESCRIPTION: 1000 BASE-T SINGLE PORT RJ-45 JACK MAGNETICS			

二、Schematics



Emitting Color	λ_p (nm)	V_f @ $I_f=20mA$	I_r @ $V_r=5V$
GREEN	570	1.7 ~2.6 V	10 μ A max
YELLOW	590	1.7 ~2.6 V	10 μ A max

三、ELECTRICAL SPECIFICATIONS@25℃:

1. Turn Ratio($\pm 5\%$): 1CT:1CT
2. Inductance(100KHz/0.1V@8mA): 350uH MIN
3. Insertion Loss (dB MAX): -1.2dB(1-120MHz),
4. Return Loss (dB MIN): -18dB(1-30MHz), -16dB(30-60MHz); -12dB(60-80MHz)
-10dB(80-100MHz)
5. Cross talk(dB MIN): -30dB(1-100MHz)
6. CMR (dB MIN): -30dB(1-100MHz)
7. HI-POT(Pri to Sec): 2250VDC/0.5Ma/60s
8. Operating Temperature: -40℃ ~+85℃
9. RoHS compliance: YES

RoHS Compliant

TOLERANCES ARE

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DRAWING BY CY

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UNIT / mm

SCALE 1 : 1

DATE

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PPOJECTION

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.X ± 0.30
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照片框

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NON EAR

DESCRIPTION: 1000 BASE-T SINGLE PORT RJ-45 JACK MAGNETICS

四、Mechanicals

- 1.THE PRODUCT IS ROHS COMPLIANT.
- 2.ALL DIMENSIONS FOLLOW :
-FCC SUBPART F, 68,500, FIGURE (C)(2)(I) & (C)(2)(II) & (C)(3)(I) IEC 60603-7
-ALL PLUGS MUST BE MEETING THE REQUIREMENTS OF PLUG GO & NO-GO GAUGE.
- 3.GAUGE FOLLOW : FCC SUBPART F, 68,500, FIGURE (C)(4)(I) & (C)(5)(I)
-THERE MUST BE NO DAMAGE TO HOUSING AND LOCKING LATCH.
-THERE MUST BE NO NICKS AND CUTS IN CABLE.
-DURABILITY : 750 CYCLES GENERALLY
- 4.PART CAN BE RECOMMENED FOR REFLOW SOLDERING PROCESS.

PEAK REFLOW SOLDERING TEMPERATURE IS 260°C MAX,5 SECONDS MAX.

5.OPERATING TEMPERATURE:-40 TO +85°C;

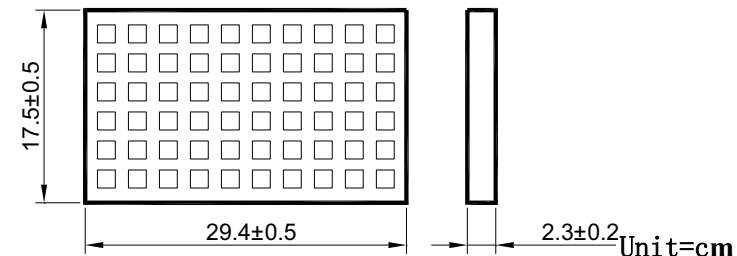
6.STORAGE TEMPERATURE: -40 TO +85°C

7.MATERIAL:

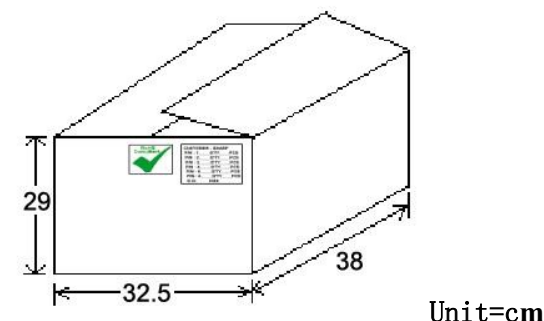
- 7.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC LCP ,
FLAMMABILITY RATING ,UL 94V-0; COLOR:BLACK.
- 7.2 SHELL: BRASS C2680, THICKNESS=0.20mm.PLATING NICKEL 30u"Min ;
- 7.3 RJ TERMINAL: HIGH TEMPERATURE THERMOPLASTIC LCP , COLOR:BLACK;
UL 94V-0;
PIN:THICKNESS=0.30mm.PHOS-BRONZE C5210.
PLATING: 50u" MIN NICKEL UNDERPLATING ALL AREA.
100u" MIN TIN ON SOLDER TAIL.
30u" GOLD ON CONTACT AREA.
- 7.4 INPUT TERMINAL: PHY PIN:THICKNESS=0.30mm. BRASS C2680.
LED PIN:THICKNESS=0.45mm. BRASS C2680.
PLATING: 50u" MIN NICKEL UNDERPLATING ALL AREA.
100u" MIN TIN ON SOLDER TAIL.

五、Packaging

1. packaging unit : 60 PCS/tray
2. Weight----- 7.26 grams/pcs
3. packaging material : PET



4. outer carton unit: 1320 pcs/ 22 Trays/box
5. Weight:11.5kg per carton



RoHS Compliant

TOLERANCES ARE

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Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

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.XXX ±
ANG ±

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