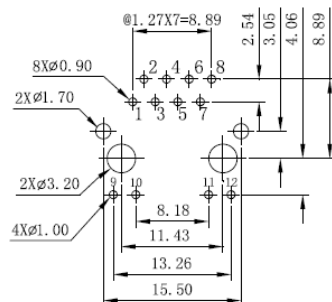
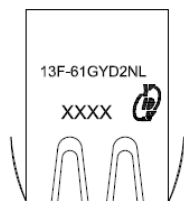
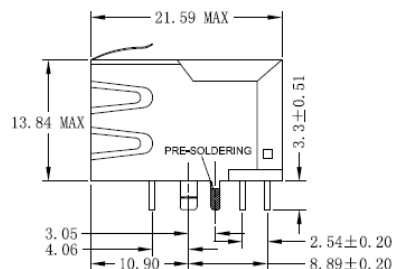
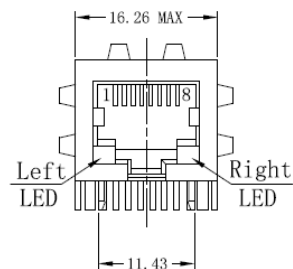


一、Mechanical Dimensions

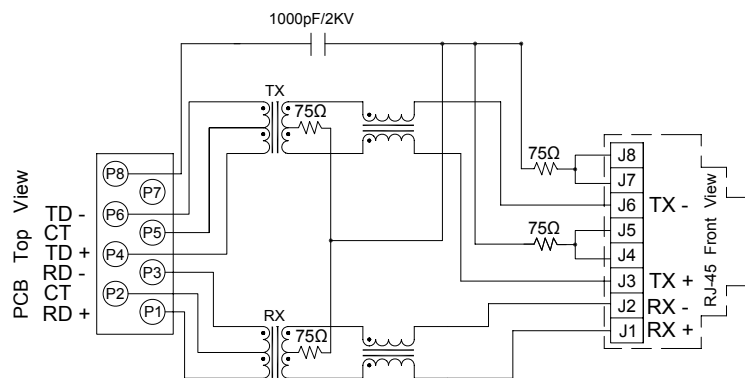


PC Board Layout
Component Side Shown



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 SPECIFICATIONS@25°C:

1. Turn Ratio($\pm 5\%$): 1CT:1CT
2. Inductance(100KHz/0.1V@8mA):350uH MIN.
3. Insertion Loss(dB MAX): -1.0dB(0.3-100MHz)
4. Return Loss(dB TYP): -20dB(30MHz),-15dB(80MHz),
5. HI-POT(Pri to Sec): 1500Vrms/0.5mA/60sec or 1650Vrms/0.5mA/2sec
6. Operating Temperature:0°C TO +70°C
7. RoHS compliance:YES

Ref: BOM-AC76



元册科技股份有限公司

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TITLE

10/100 BASE-T SINGLE PORT RJ-45 JACK
MAGNETICS

P/N

13F-61GYDXNL

REV.

0

PAGE NO

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DATE

2011-2-8

AP'PD

Li YueSheng

DWN

Chen JiaPei

四、Mechanicals

Housing Material:

MATERIAL:NYLON GF (Fr50) UL94V-0 STANDARD COLOR:BLACK

Insert Material:

MATERIAL:Phos-Bronze C5210 EH---0.35mm Thickness

Insert -PBT GF UL94V-0

- 1.PLATING(1) NICKEL
- 2.PLATING(2) 100%Sn
- 3.PLATING(3) GOLD (3u " ~50u ")

Plate Material:

PBT GF UL 94V-0

Contact pin Material:

MATERIAL: Phos-Bronze C5191---0.35mm Thickness

- 1.PLATING(1) NICKEL
- 2.PLATING(2) 100%Sn

Shielding Material:

BRASS C2680 PLATING NICKEL

Operating Life:750 Cycles MIN.

五、Environmental

- 1.Storage Temp:-40℃ TO +85℃.
- 2.Operating Temp:0℃ TO +70℃
3. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68,SUBPARTE.

六、Part Number

13F-61GYDXNL

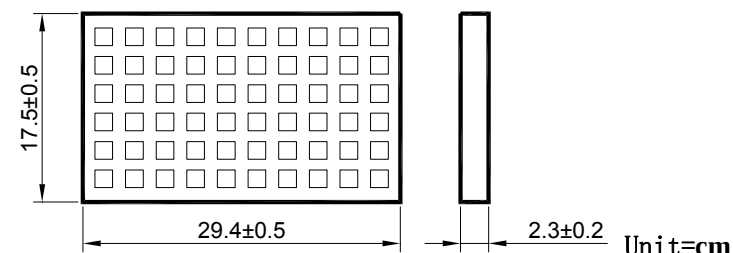
RoHS version

Gold Plating:1=3u",2=6u",3=15u",4=30u",5=50u",

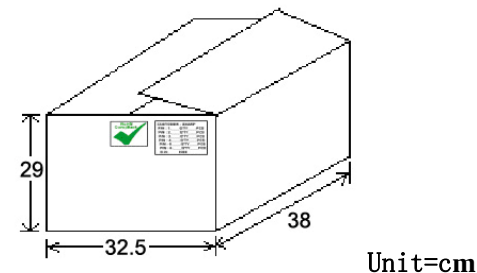
REV.	DESCRIPTION	DATE	DWN	AP'PD

七、Packaging

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



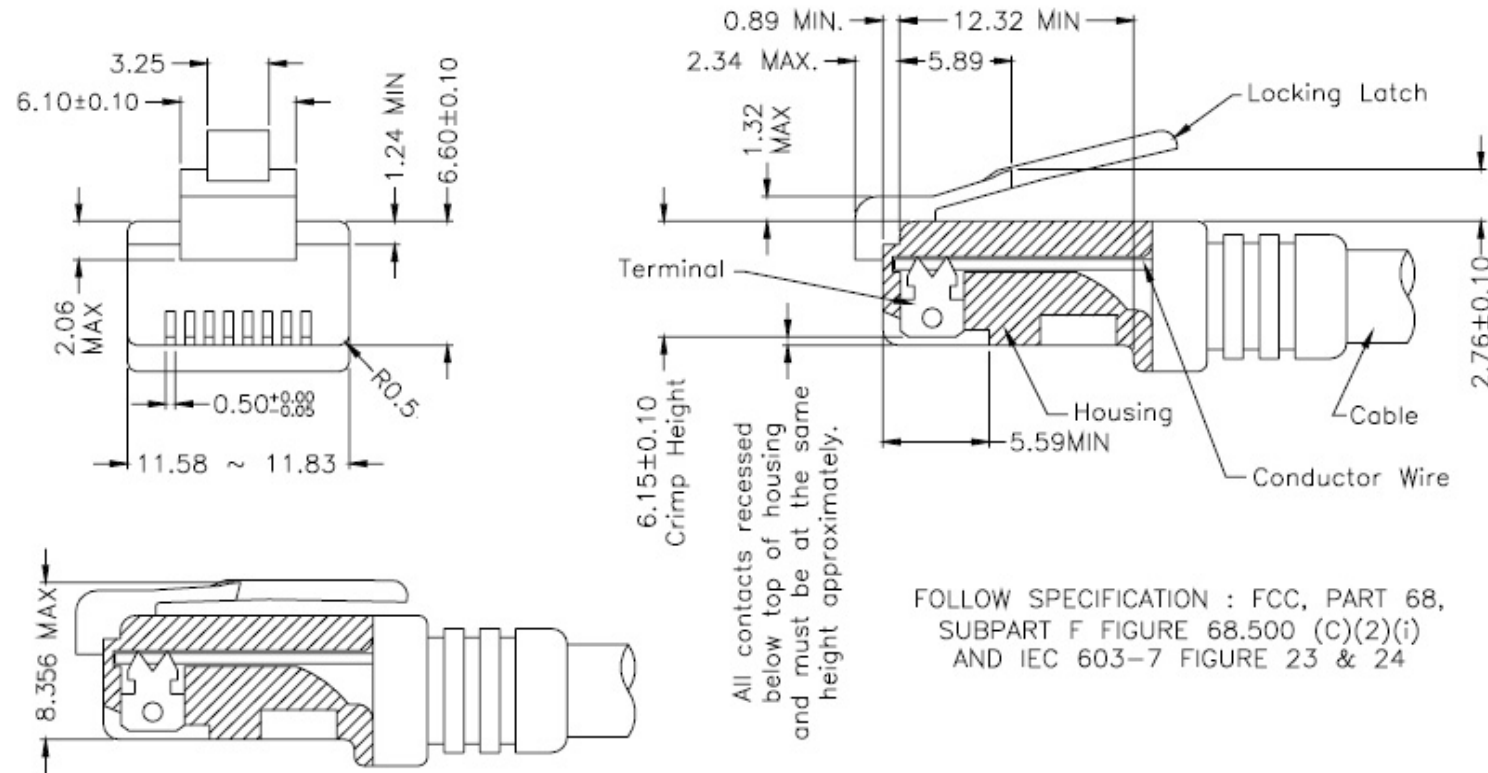
3. outer carton unit: 1320 pcs/ 22 Trays/box



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八、RJ PLUG SPECIFICATION

REV.	DESCRIPTION	DATE	DWN	AP'PD



FOLLOW SPECIFICATION : FCC, PART 68,
SUBPART F FIGURE 68.500 (C)(2)(i)
AND IEC 603-7 FIGURE 23 & 24

FOLLOW SPECIFICATION : FCC, PART 68, SUBPART F
FIGURE 68.500 (C)(2)(ii)

STANDARD MODULAR PLUG ASSEMBLY



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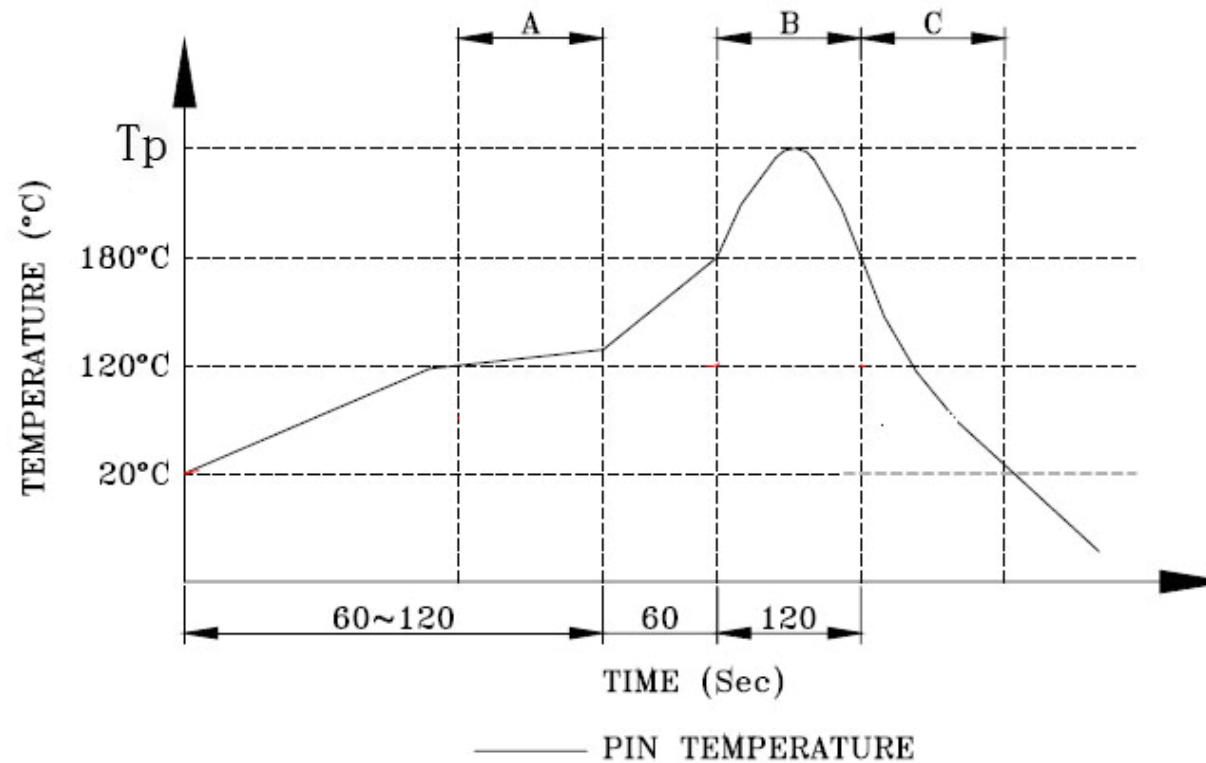
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DWN

Chen JiaPei

九、PROFILE OF WAVE SOLDER

REV.	DESCRIPTION	DATE	DWN	AP'PD



A. Preheating B. Soldering C. Gradual Cooling

SUGGESTED WAVE SOLDER CURVE

1. Peak temperature(T_p) : $250 \pm 10^\circ\text{C}$
2. Peak temperature(T_p) time : 5sec max



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