

REV.	DESCRIPTION	DATE	DWN	AP'P'D

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

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 MIN): -18dB(1-30MHz),-16dB(40MHz),-12dB(50MHz),
-10dB(60-80MHz)

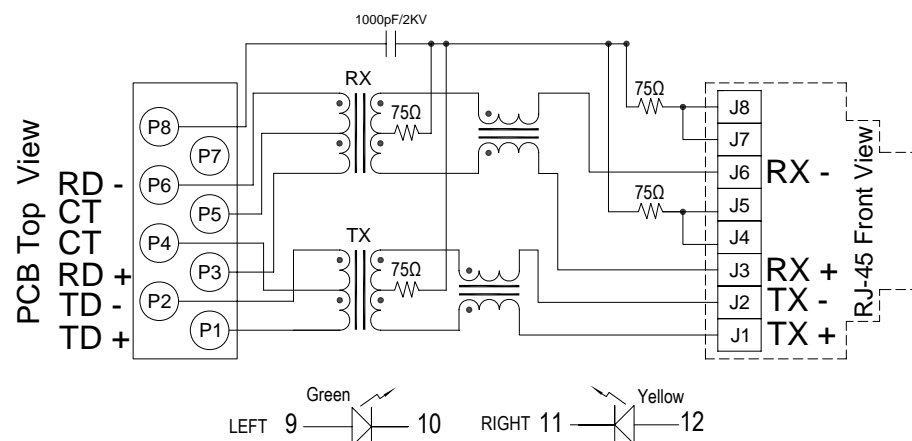
5. Cross talk(dB MIN): -40dB(30MHz),-35dB(60MHz),-30dB(100MHz)

6. CMR (dB MIN): -30dB(30MHz),-20dB(60MHz),-20dB(100MHz)

7. HI-POT(Pri to Sec):1500Vrms/0.5mA/60Sec or 1650Vrms/0.5mA/2Sec

8. Operating Temperature:- -40°C TO $+85^{\circ}\text{C}$

9. RoHS compliance: YES

**Ref:BOM-AI70**

元册科技股份有限公司

YUAN DEAN SCIENTIFIC CO., LTD.

TITLE	10/100 BASE-T SINGLE PORT RJ-45 JACK MAGNETICS		
P/N	13F-64GYD2PLNWXNL	REV.	0
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AP'PD	Li YueSheng	DWN	Hu XiaoLan

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:-40℃ TO +85℃
3. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68,SUBPARTE.

六、Part Number

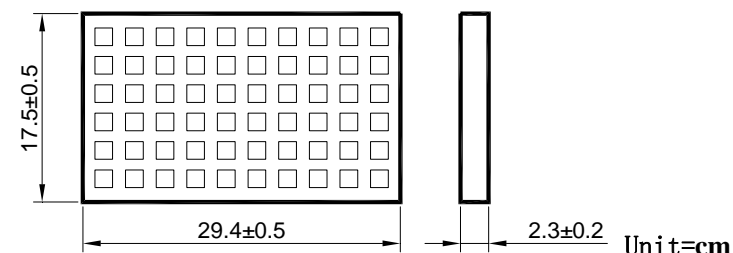
13F-64GYD2PLNWXNL

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

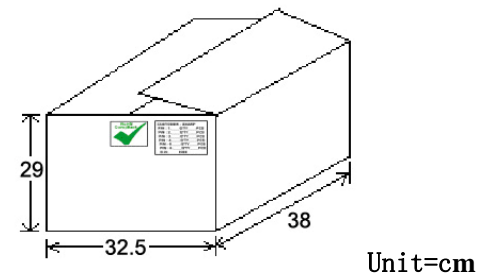
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七、Packaging

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



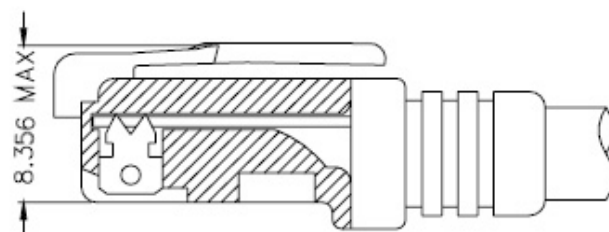
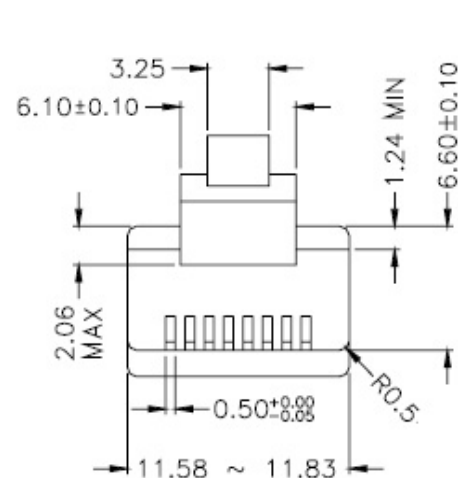
3. outer carton unit: 1320 pcs/ 22 Trays/box



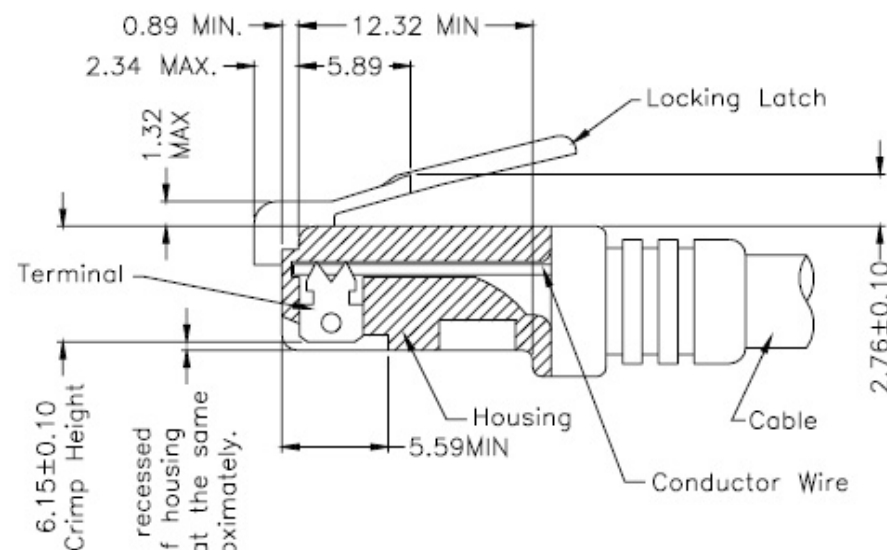
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八、RJ PLUG SPECIFICATION

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



All contacts recessed
below top of housing
and must be at the same
height approximately.

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

STANDARD MODULAR PLUG ASSEMBLY



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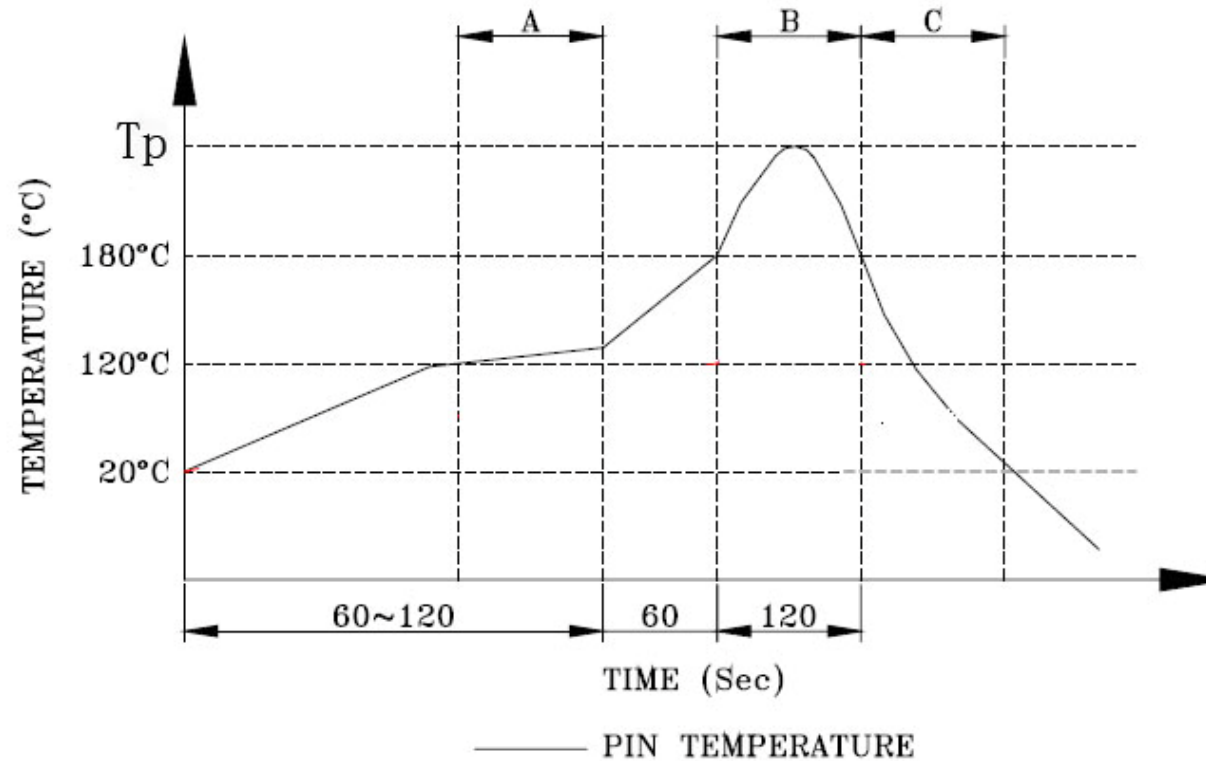
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DWN

Hu XiaoLan

九、PROFILE OF WAVE SOLDER

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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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