

REV.	DESCRIPTION	DATE	DWN	AP'P'D
1.0		15.3.12	Chen	Hsu
2.0	Correct Size	15.3.27	Chen	Hsu



三、ELECTRICAL SPECIFICATIONS@25°C:

- 1. Turn Ratio($\pm 5\%$): 1CT:1CT**
- 2. Inductance(100KHz/0.1V@8mA): 200uH MIN**
- 3. Insertion Loss (dB MAX): -1.5dB(0.1-100MHz)**
- 4. HI-POT(Pri to Sec): 1500Vrms/0.5mA/2Sec**
- 5. Operating Temperature: -40°C TO +85°C**
- 6. Meets or exceeds IEEE 802.3 standard**
- 7. RoHS compliance: YES**



元册科技股份有限公司

YUAN DEAN SCIENTIFIC CO., LTD.

TITLE	180° Rj45 10/100 Base-T Jack With Magnetic Module		
P/N	51F-1205NDCZXNL	REV.	2.0
PAGE NO	1-4	DATE	2015-3-27
AP'PD	Hsu	DWN	Chen Chuan Yu

四、Mechanicals

Housing Material:

MATERIAL:NYLON 66 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 ")

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,SUBPART F.

六、Part Number:

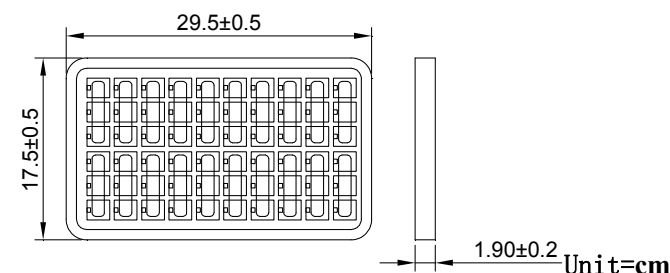
51F-1205NDCZXNL

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

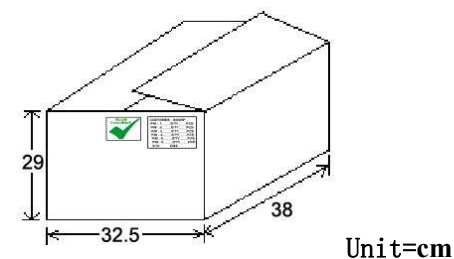
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七、Packaging

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



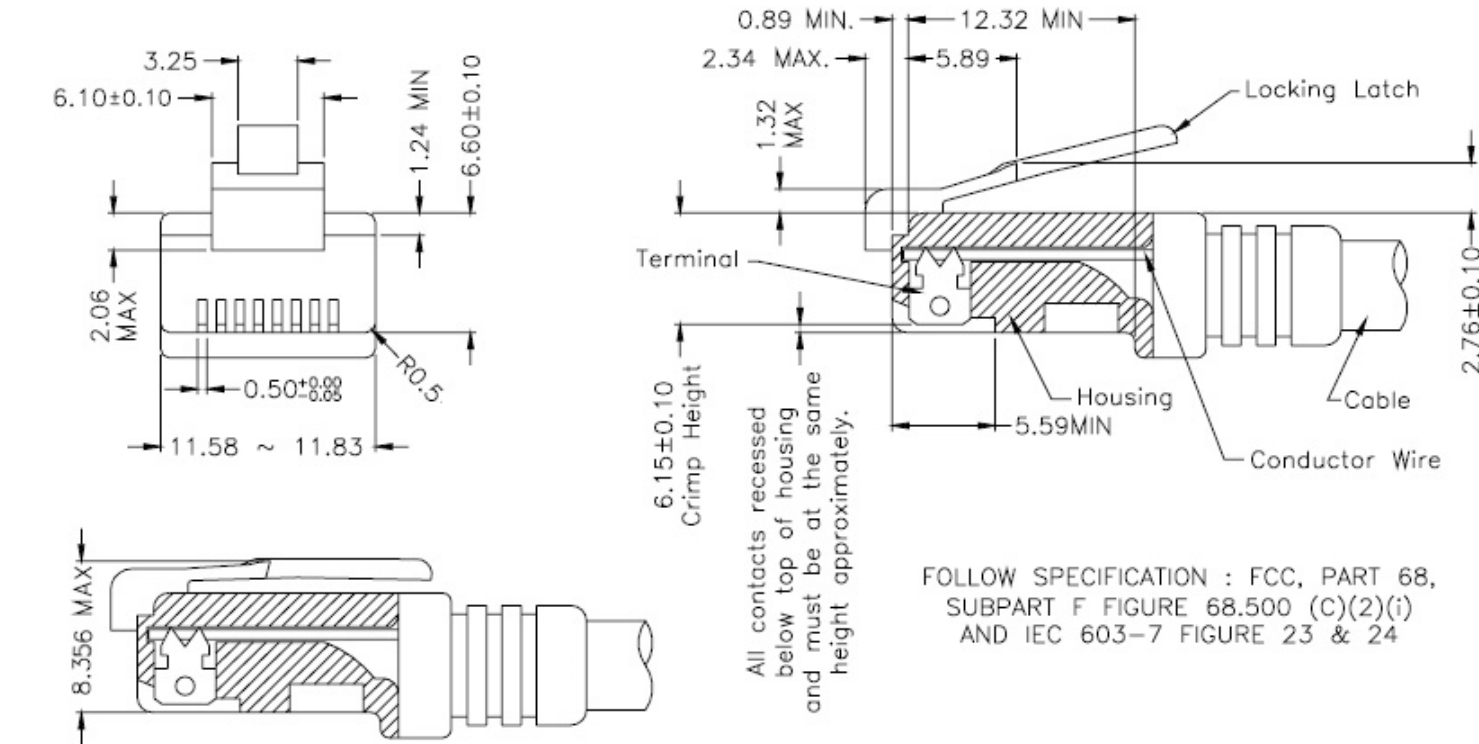
3. outer carton unit: 1320 pcs/ 22 Trays/box



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八、RJ PLUG SPECIFICATION

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

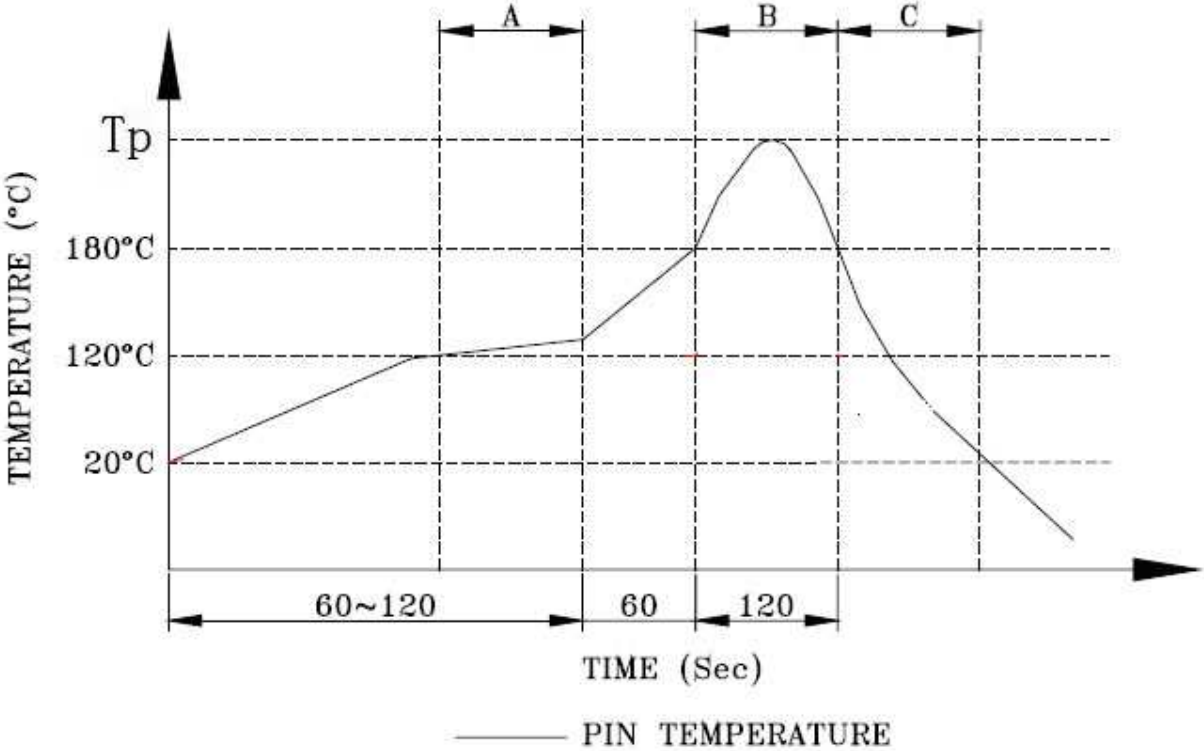
FOLLOW SPECIFICATION : FCC, PART 68, SUBPART F
FIGURE 68.500 (C)(2)(ii)

STANDARD MODULAR PLUG ASSEMBLY

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九、PROFILE OF WAVE SOLDER

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A. Preheating B. Soldering C. Gradual Cooling

SUGGESTED WAVE SOLDER CURVE

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

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