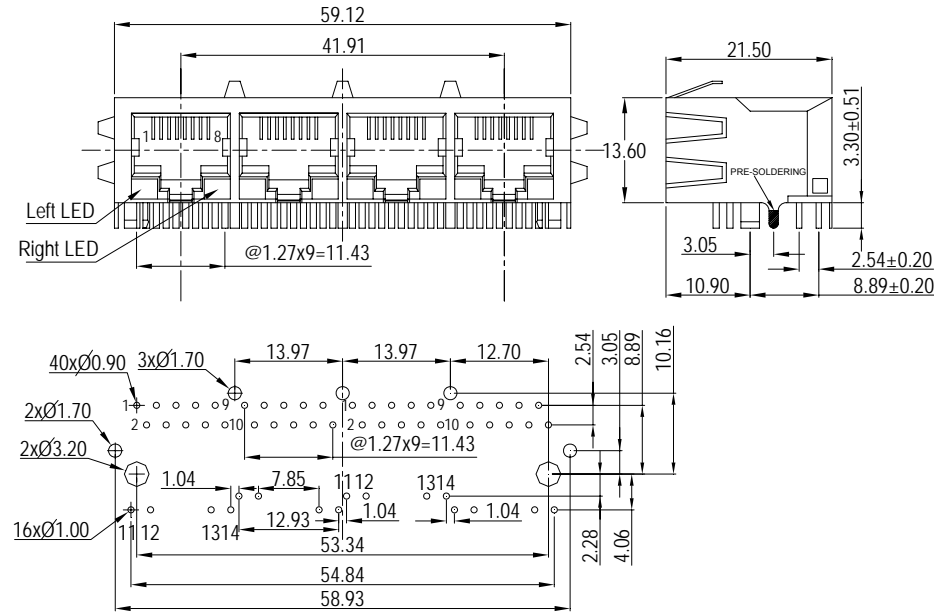
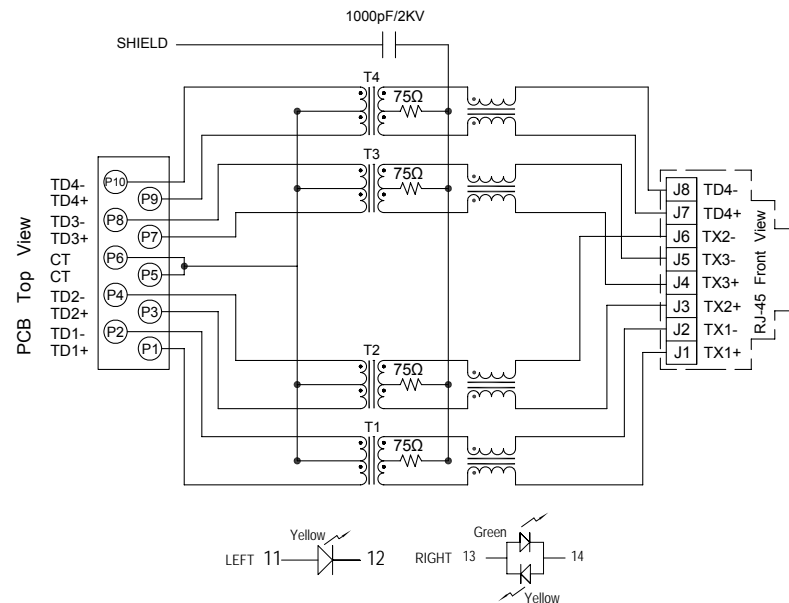


## 一、Mechanical Dimensions



UNIT: mm Unless otherwise specified, all tolerances are  $\pm 0.25$

## 二、Schematics



## 三、ELECTRICAL SPECIFICATIONS@25°C:

1. Turn Ratio( $\pm 5\%$ ): 1CT:1CT
2. Inductance(100KHz/0.1V@8mA): 350uH MIN
3. LL (100KHz/0.1V): 0.3uH MAX
4. Insertion Loss(dB MAX): -0.5dB(1-60MHz), -1.0dB(60-100MHz),  
-1.2dB(100-125MHz)
5. Return Loss(dB MIN): -16dB(1-30MHz), -13.5dB(30-40MHz),  
-11.5dB(40-50MHz), -10dB(50-80MHz)
6. Cross talk(dB TYP): -40dB(1-30MHz), -38dB(30-60MHz), -33dB(60-100MHz)
7. HI-POT: 1500Vrms/0.5mA/60Sec or 1650Vrms/0.5mA/2Sec
8. Operating Temperature: 0°C TO +70°C
9. RoHS compliance: YES

REF: 64F-1301YDDNW2NL 改带窗



元册科技股份有限公司

YUAN DEAN SCIENTIFIC CO., LTD.

TITLE

RJ45 1000 Base-T 1x4 Tab Down Jack With  
Maganetic MODULE

P/N

64F-1301YDDXNL

REV.

0

PAGE NO

1-4

DATE

2009-7-21

AP'PD

Li Yue Sheng

DWN

Hu XiaoLan

## 四、Mechanicals

### Housing Material:

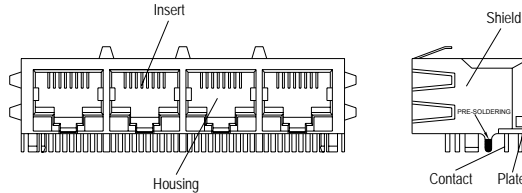
MATERIAL:NYLON GF (Fr50) UL94V-0 STANDARD COLOR:BLACK

### 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 H---0.25mm THICKNESS 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.

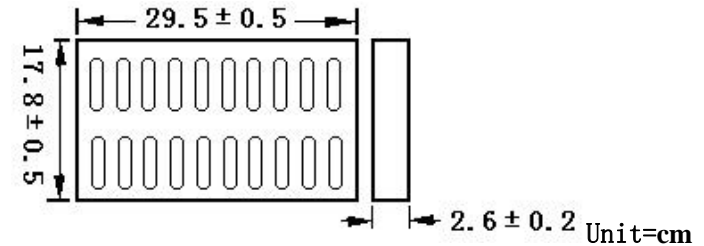
## 六、Part Number

64F-1301YDDXNL

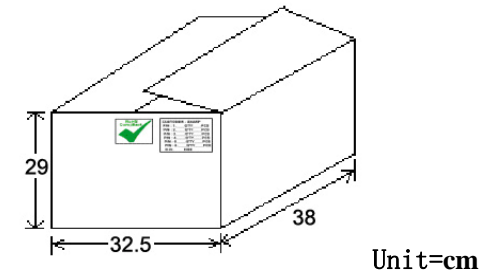
RoHS version  
Gold Plating:1=3u",2=6u",3=15u",4=30u",5=50u",

## 七、Packaging

1. packaging unit : 20 PCS/tray
2. packaging material : PET



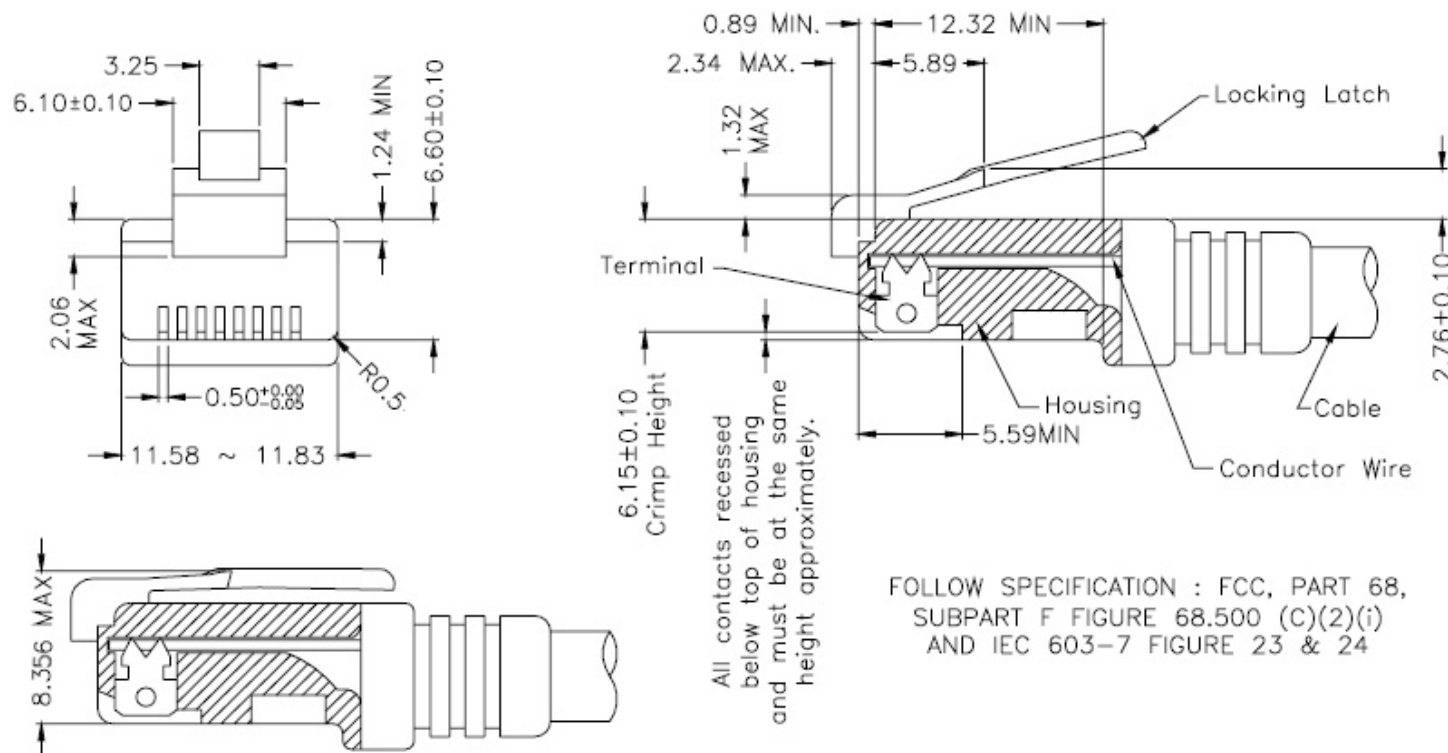
3. outer carton unit: 400 pcs/ 20 Trays/box



	 <b>元册科技股份有限公司</b> YUAN DEAN SCIENTIFIC CO., LTD.			
	TITLE	RJ45 1000 Base-T 1x4 Tab Down Jack With Maganetic MODULE		
	P/N	64F-1301YDDXNL	REV.	0
	PAGE NO	2-4	DATE	2009-7-21
	AP'PD	Li Yue Sheng	DWN	Hu XiaoLan

# 八、RJ PLUG SPECIFICATION

REV.	DESCRIPTION	DATE	DWN	AP'PD



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

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

STANDARD MODULAR PLUG ASSEMBLY



元册科技股份有限公司

YUAN DEAN SCIENTIFIC CO., LTD.

TITLE

**RJ45 1000 Base-T 1x4 Tab Down Jack With  
Maganetic MODULE**

P/N

**64F-1301YDDXNL**

REV.

**0**

PAGE NO

**3-4**

DATE

**2009-7-21**

AP'PD

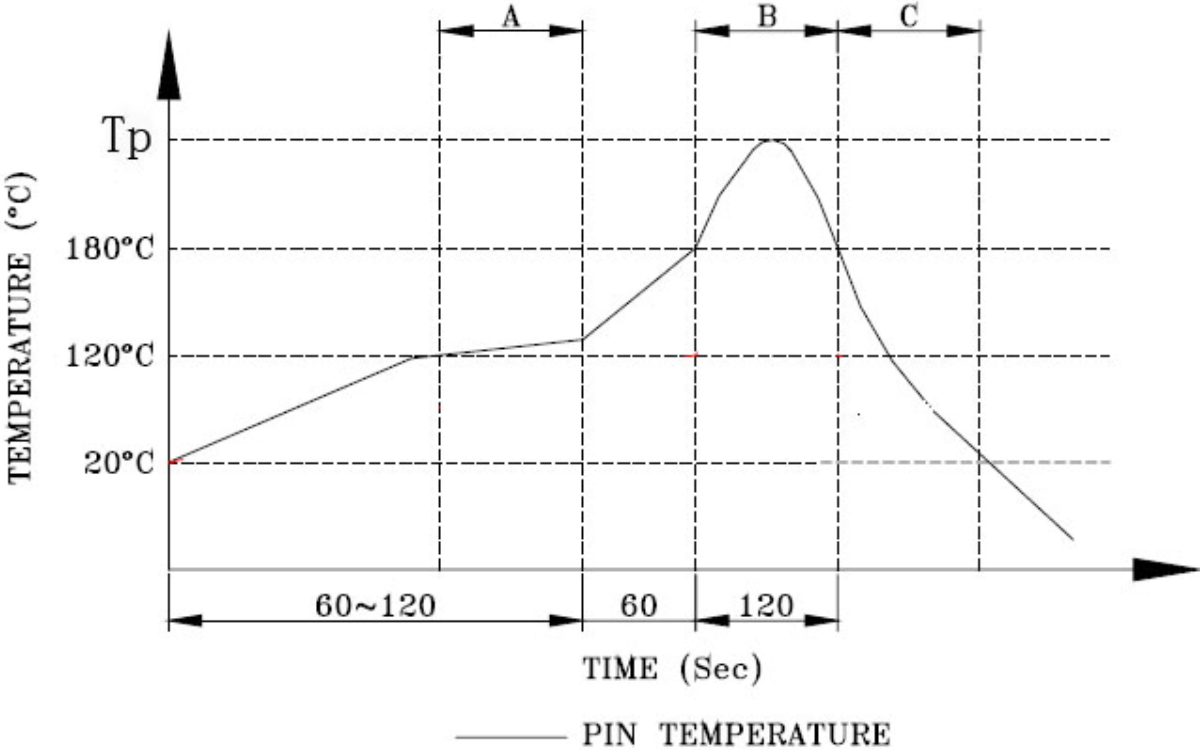
**Li Yue Sheng**

DWN

**Hu XiaoLan**

# 九、PROFILE OF WAVE SOLDER


REV.	DESCRIPTION	DATE	DWN	AP'PD



A. Preheating    B. Soldering    C. Gradual Cooling

## SUGGESTED WAVE SOLDER CURVER

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

	 元册科技股份有限公司 YUAN DEAN SCIENTIFIC CO., LTD.			
	TITLE	RJ45 1000 Base-T 1x4 Tab Down Jack With Maganetic MODULE		
	P/N	64F-1301YDDXNL	REV.	0
	PAGE NO	4-4	DATE	2009-7-21
	AP'PD	Li Yue Sheng	DWN	Hu XiaoLan