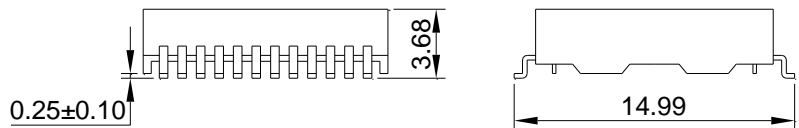
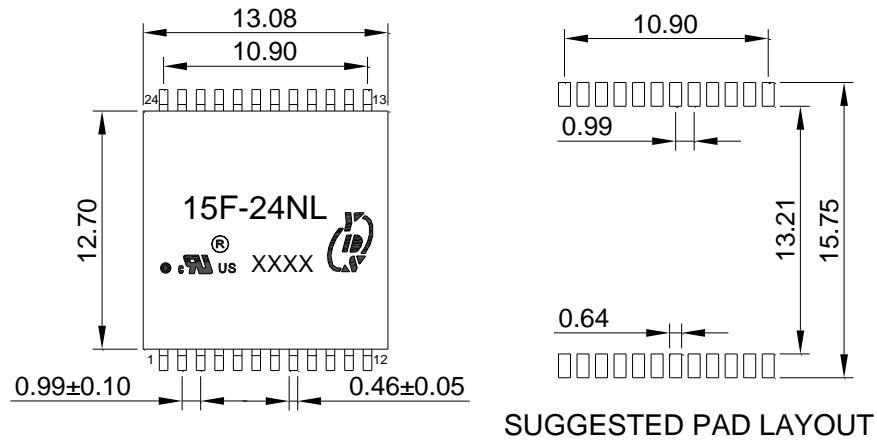
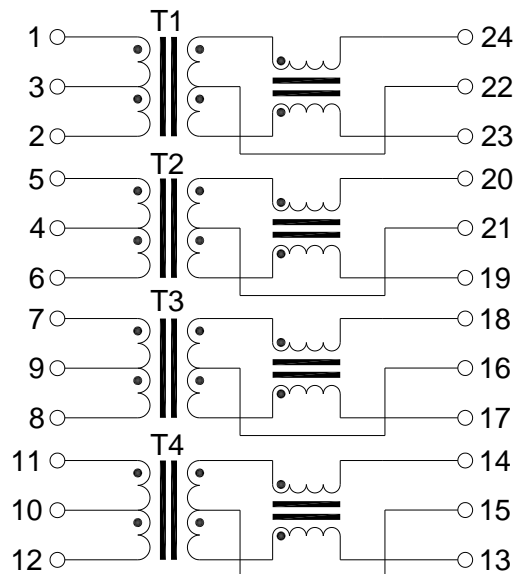


一、Mechanical Dimensions



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

二、Schematics



REV.	DESCRIPTION	DATE	DWN	AP'PD
0		09.7.18	Chen	Li
1.0	Correct Operating Temperature	09.8.07	Hu	Li

三、ELECTRICAL SPECIFICATIONS@25°C:

1. Turn Ratio($\pm 5\%$): 1CT:1CT
2. Inductance(100KHz/0.1V@8mA): 350uH MIN
3. Insertion Loss(dB TYP): -1.2dB(0.1-100MHz)
4. Return Loss(dB MIN): -18dB(2-30MHz), -16dB(40MHz)
-14dB(50MHz), -12dB(60-80MHz)
5. Crosstalk(dB TYP): -60dB(1MHz), -45dB(30MHz),
-40dB(60MHz), -35dB(100MHz)
6. DCMR(dB TYP): -45dB(1-60MHz), -35dB(60-200MHz)
7. HI-POT:1500Vrms/0.5mA/60Sec or 1650Vrms/0.5mA/2Sec
8. Operating Temperature:-20°C TO +85°C
9. RoHS compliance:YES

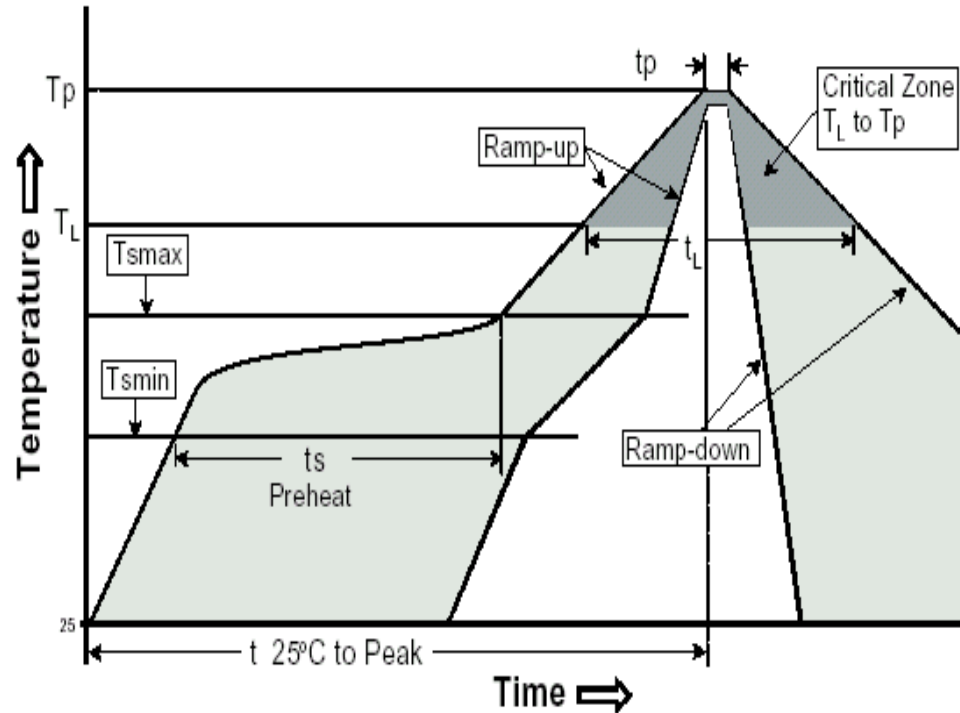
Ref: H1270NL(送样 DATA)

	元册科技股份有限公司 YUAN DEAN SCIENTIFIC CO., LTD.			
	TITLE	Power over Ethernet (POE)Magnetics 10/100BASE-TX VoIP Magnetics Modules		
	P/N	15F-24NL	REV.	1.0
	PAGE NO	1-3	DATE	2009-8-07
	AP'PD	Li YueSheng	DWN	Hu XiaoLan

四、RoHS compliant type

REV.	DESCRIPTION	DATE	DWN	AP'PD

Our RoHS parts just can withstand IR Reflow peak temperature: 240degC+/-5degC as the following profile:



Profile Feature	Pb-Free Assembly
Average Ramp-Up Rate ($T_{s_{max}}$ to T_p)	3°C /second max.
Preheat -Temperature Min ($T_{s_{min}}$) -Temperature Max ($T_{s_{max}}$) -Time ($t_{s_{min}}$ to $t_{s_{max}}$)	150°C 200°C 60-180 seconds
Time maintained above: -Temperature (T_L) -Time (t_L)	217°C 60-150 seconds
Peak/Classification Temperature (T_p)	240±5°C
Time within 5°C of actual Peak Temperature (t_p)	20-40 seconds
Ramp-Down Rate	6°C/seconds max
Time 25°C to Peak Temperature	6 minutes max.



元册科技股份有限公司

YUAN DEAN SCIENTIFIC CO., LTD.

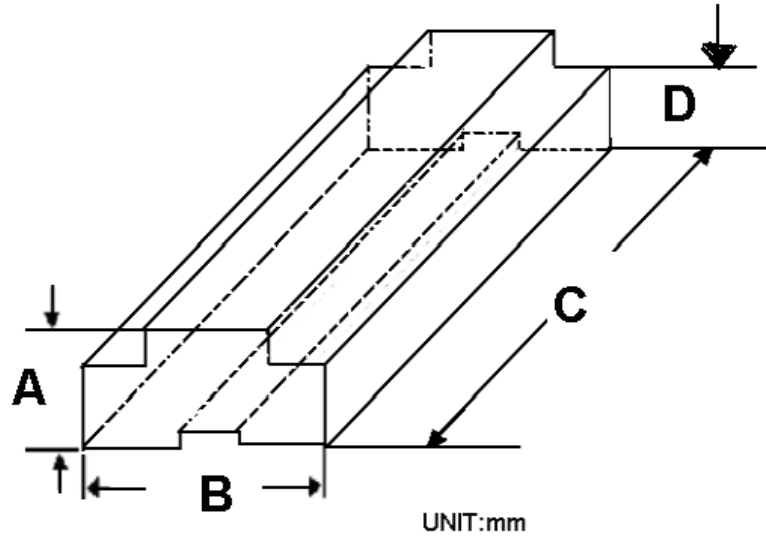
TITLE	Power over Ethernet (POE)Magnetics 10/100BASE-TX VoIP Magnetics Modules		
P/N	15F-24NL	REV.	1.0
PAGE NO	2-3	DATE	2009-8-07
AP'PD	Li YueSheng	DWN	Hu XiaoLan

五、 Packing Information:

REV.	DESCRIPTION	DATE	DWN	AP'PD

1.Weight-----1.0 grams/pcs

2. TUBE ----- 39pcs

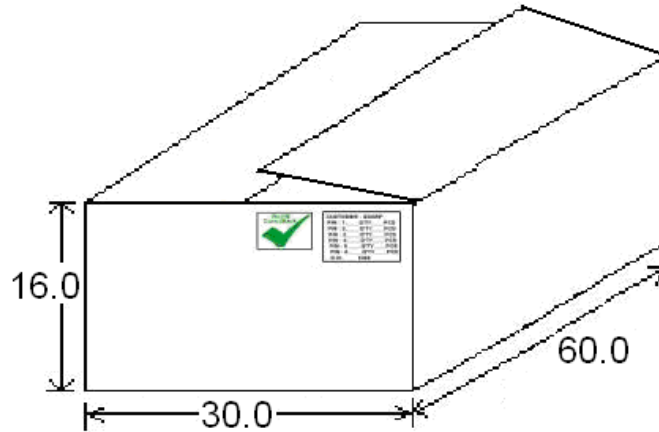


Size(mm)			
A	B	C	D
10.38	16.33	530	7.30

3. outer carton unit: 7488pcs/box

4. outer carton unit: 192Tube/box

5.Weight: 12.7kg per carton



元册科技股份有限公司

YUAN DEAN SCIENTIFIC CO., LTD.

TITLE Power over Ethernet (POE)Magnetics
10/100BASE-TX VoIP Magnetics Modules

P/N 15F-24NL **REV.** 1.0

PAGE NO 3-3 **DATE** 2009-8-07

AP'PD Li YueSheng **DWN** Hu XiaoLan