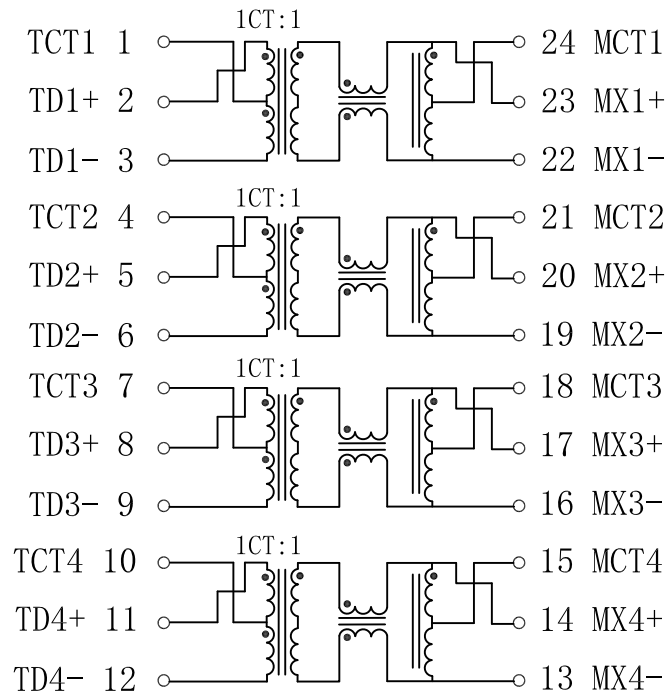


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/11/11	



Electrical Specifications @25°C

- Turns Ratio($\pm 5\%$):
Pri:Sec = 1CT:1
- Inductance(@100KHz, 100mV, 8mA) :
350uH MIN
- Insertion Loss:
1-100MHz:-1.0dB Max
- Return Loss(dB Min):

1-30MHz:-18	40MHz:-14.4
50MHz:-13.1	60-80MHz:-12
100MHz:-10	
- Crosstalk(dB Min):

30MHz:-45	60MHz:-40
100MHz:-35	
- DCMR(dB Min):

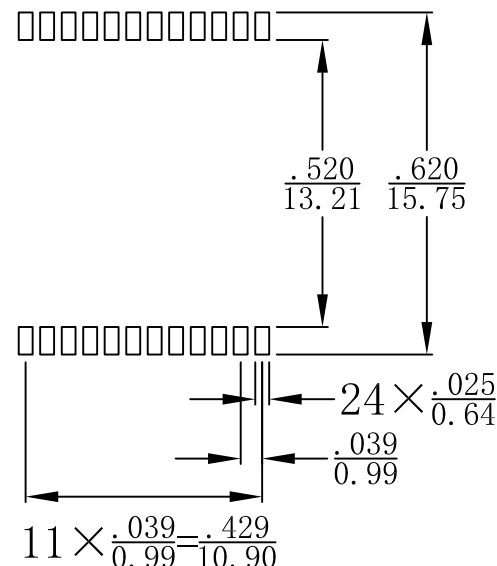
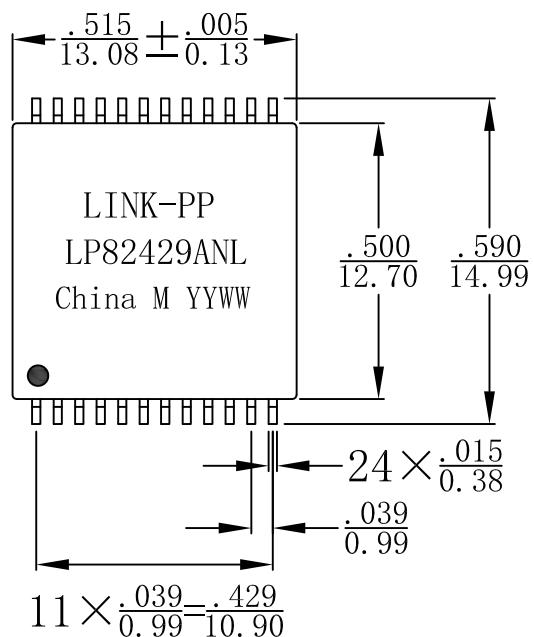
30MHz:-43	60MHz:-37
100MHz:-33	
- Hipot: 1500Vrms
- Operating Temperature: -40°C ~ +85°C.



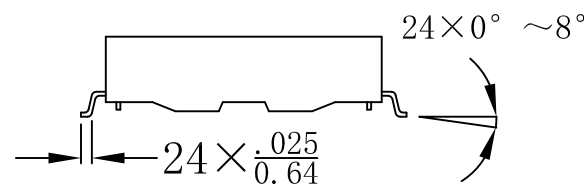
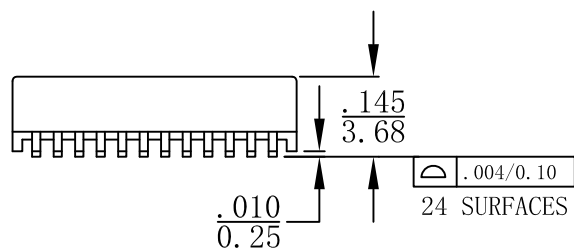
X:X	± 0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	± 0.25	CHKD:	TITLE: 1000Base-T Magnetics Modules	
X:XXX	± 0.05	DR: TOM	PART NO.: LP82429ANL	
ANGLES	$\pm 1^\circ$	UNIT: $\frac{\text{Inches}}{\text{mm}}$		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP1011132

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/11/11	



SUGGESTED LAND PATTERN



NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE 802.3 specification.
3. Maximum reflow temperature is 250°C, 5 Sec.
4. UL certification: file number E484635.

X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	TITLE: 1000Base-T Magnetics Modules	
X:XXX	±0.05	DR: TOM	PART NO.: LP82429ANL	
ANGLES	±1°	UNIT: $\frac{\text{Inches}}{\text{mm}}$	DWG NO.: LP10111132	
	SCALE: 2/1	SHEET: 2/2	REV: A	