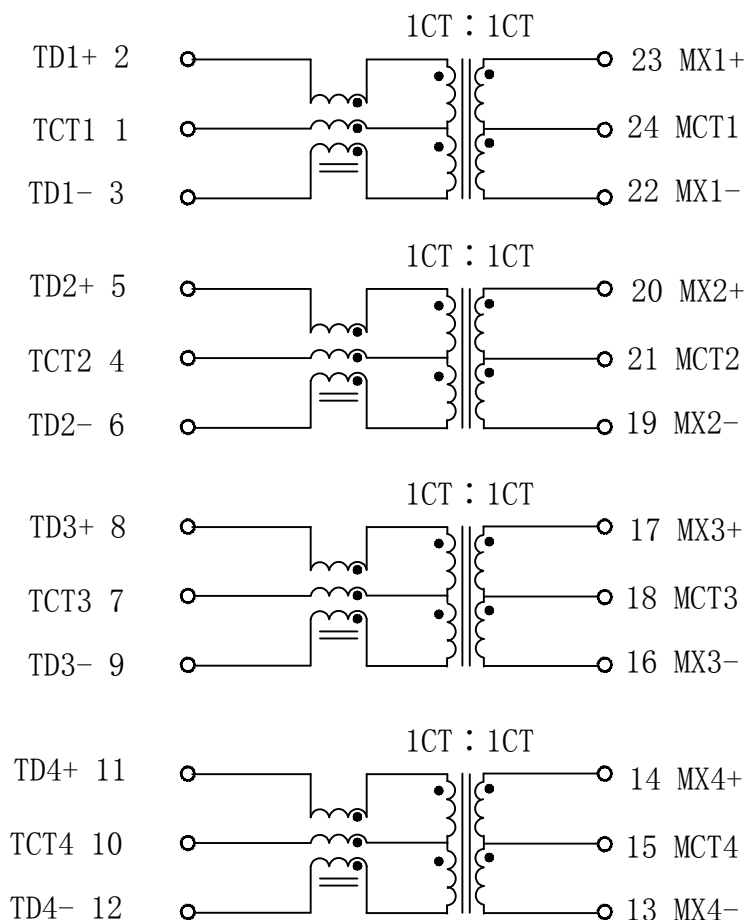


Schematic:

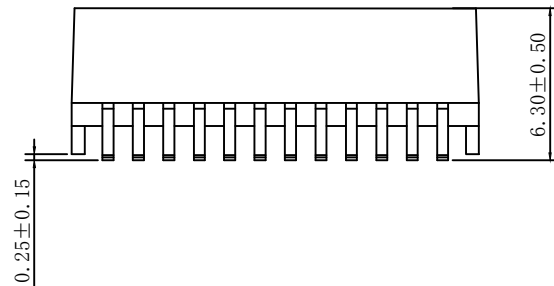
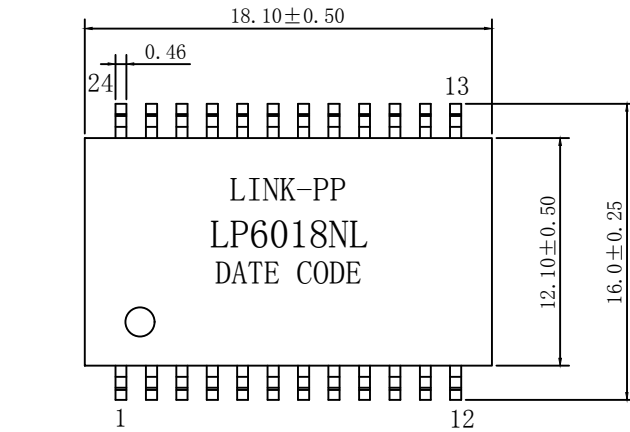


- Electrical Specifications @25°C
1. Turns Ratio: 1CT:1CT $\pm 3\%$
 2. Inductance OCL: 160uH Min
@100KHz, 0.1V, 8mA DC BIAS
 3. Insertion Loss (dB Max):
1-50MHz: -0.5 50-125MHz: -1.0
125-200MHz: -2.0 200-250MHz: -2.5
 4. Return Loss (dB Min):
1-50MHz: -20
50-250MHz: -20+15LOG(f/40)
 5. Crosstalk (dB Min):
1-125MHz: -30 125-250MHz: -25
 6. DCMR (dB Min):
30-250MHz: -25
 7. Isolation: 1500VAC 1mA 60S
 8. Operating Temperature: 0°C ~ 70°C



X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	CHKD:		
X:XXX	DR: James	TITLE: 5GBase-T PC Card SMD Magnetic Modules For POE+ Application	
ANGLES $\pm 1^\circ$	UNIT: mm	PART NO.: LP6018NL	
	SCALE: 2/1	SHEET: 1/2	REV: A DWG NO.: LP17042108

Mechanical:

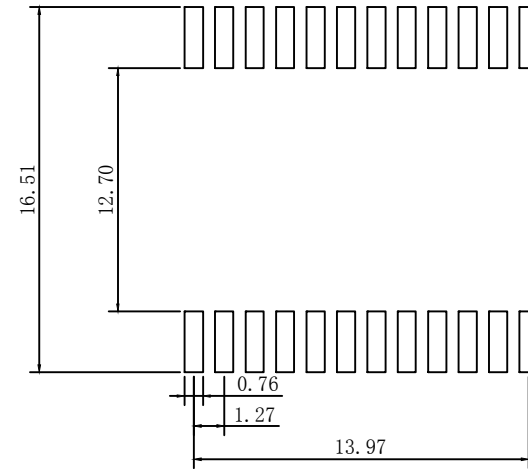


NOTES:

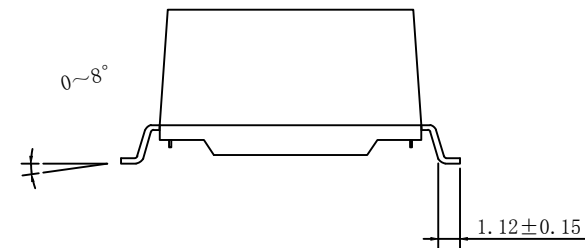
- 1.5GBase-T PC Card SMD Magnetic Modules
- IEEE 802.3az compliant performance
---4Pair POE 60W
- Lead-Free & Designed to meet RoHS requirement
- Maximum reflow temperature is 250°C , 5 Sec.
- UL Certification: File Number E484635.



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2017/04/21	



SUGGESTED PAD LAYOUT



Dimensions: mm

Unless otherwise specified, all tolerances are ± 0.50

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X:XX	CHKD:			
X:XXX	DR: James	TITLE: 5GBase-T PC Card SMD Magnetic Modules For POE+ Application		
ANGLES $\pm 1^{\circ}$	UNIT: mm	PART NO.: LP6018NL		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: LP17042108