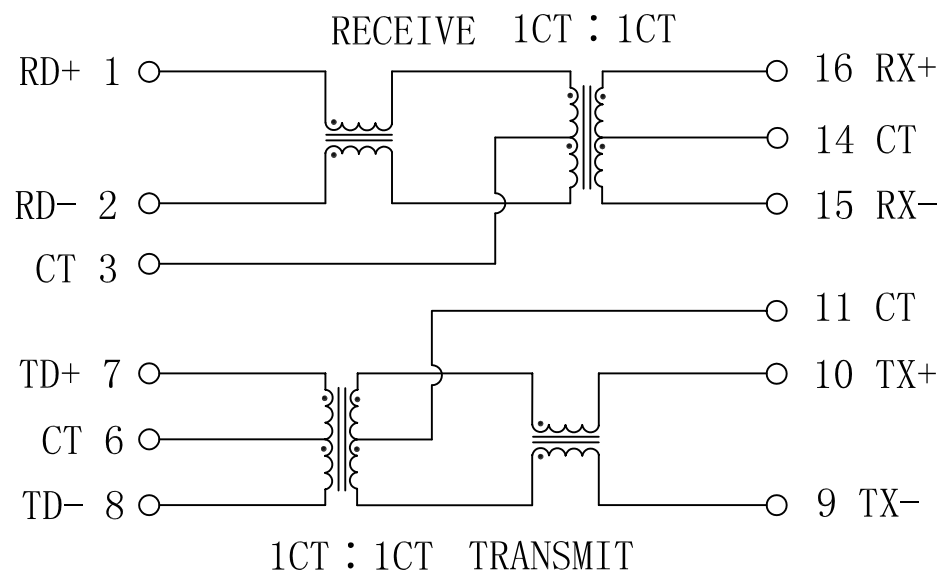


Schematic:



Electrical Specification @25℃

1. Turns Ratio(±2%) :

TX=1CT : 1CT RX=1CT : 1CT

2. Inductance OCL:

350uH Min @ 100KHz 0.1V

3. Polarity: 1-16, 7-10 In-Phase

4. Hipot: 1500VAC 1S 1mA

5. Insertion Loss:

-0.9dB MAX @ 100KHz TO 100MHz

6. Return Loss:

-16dB MIN @ 30MHz

-12dB MIN @ 60MHz

-11dB MIN @ 80MHz

7. Crosstalk:

-50dB MIN @ 30MHz

-45dB MIN @ 62MHz

-37dB MIN @ 100MHz

8. DCMR:

-35dB MIN @ 30MHz

-33dB MIN @ 50MHz

-20dB MIN @ 100MHz

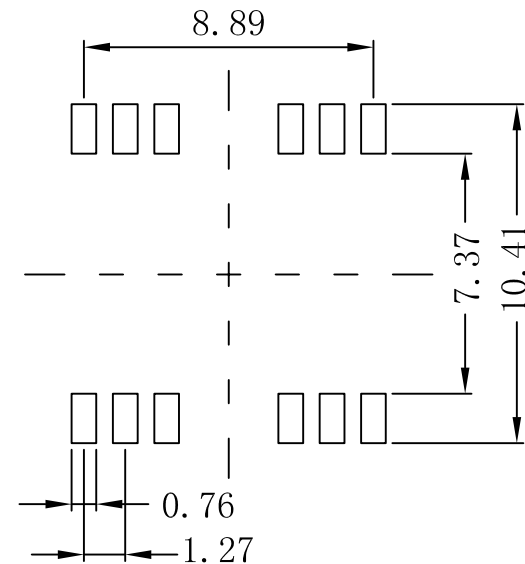
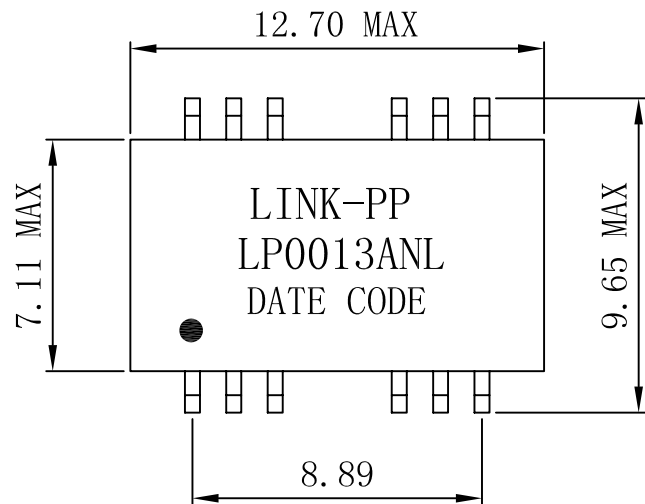
9. Operating Temperature: -40℃ ~ +85℃.



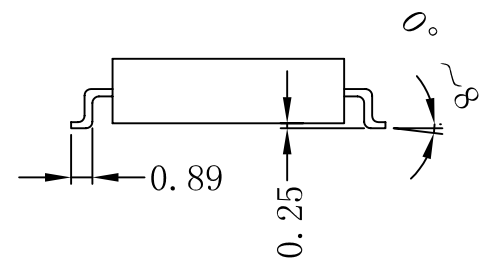
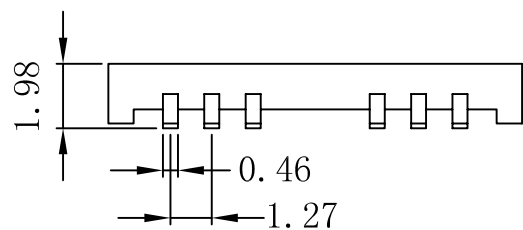
X:X	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX	±0.10	CHKD:			
X:XXX	±0.05	DR: TOM	TITLE: 10/100 Base PC Card Lan Magnetic Modules		
ANGLES	±1°	UNIT: mm	PART NO. : LP0013ANL		
		SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO. :

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		11/08/2007	



SUGGESTED PAD LAYOUT



NOTES:

- 1.Low profile package
- 2.Isolation voltage:1500Vrms
- 3.For RoHS part add suffix NL
- 4.RoHS "NL" peak solder rating $255\pm5^{\circ}\text{C}$.



X:X	± 0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	± 0.10	CHKD:		
X:XXX	± 0.05	DR: TOM	TITLE: 10/100 Base PC Card Lan Magnetic Modules	
ANGLES	$\pm 1^{\circ}$	UNIT: mm	PART NO. : LP0013ANL	
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO. :