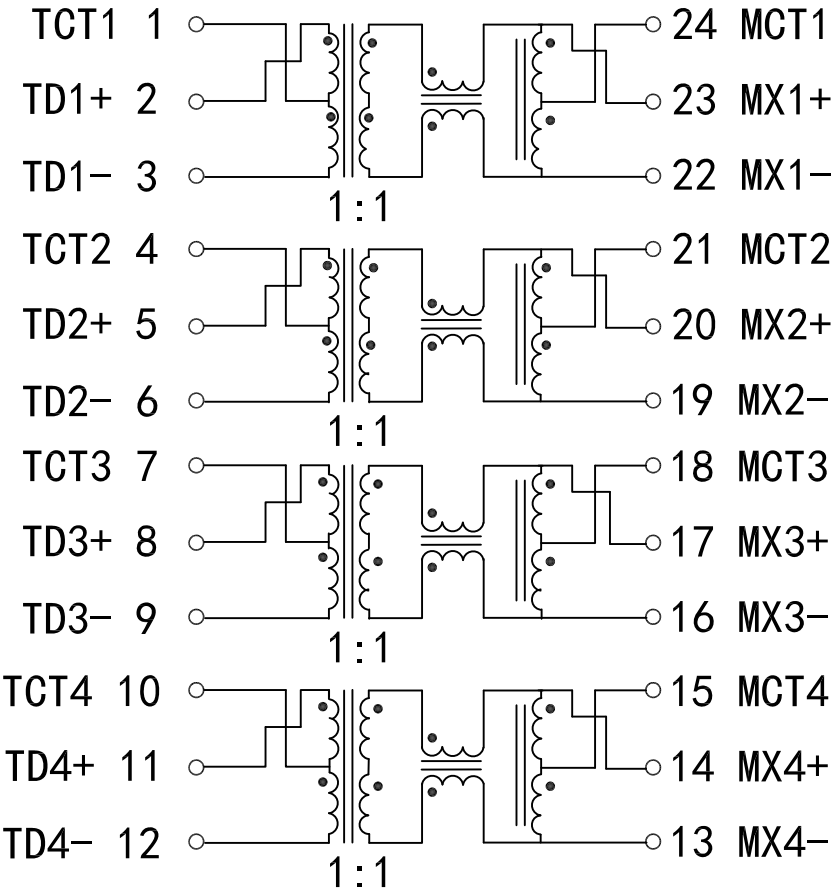


Schematic:



Electrical Specifications @25℃

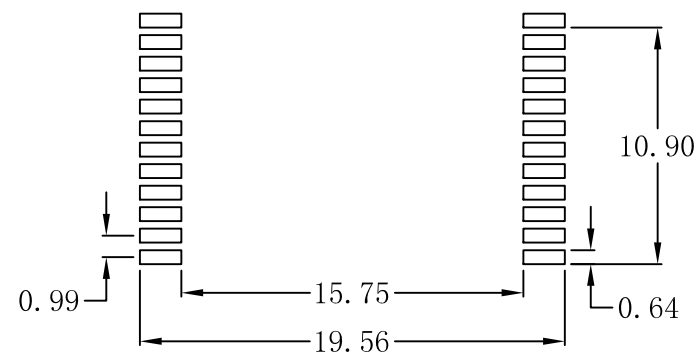
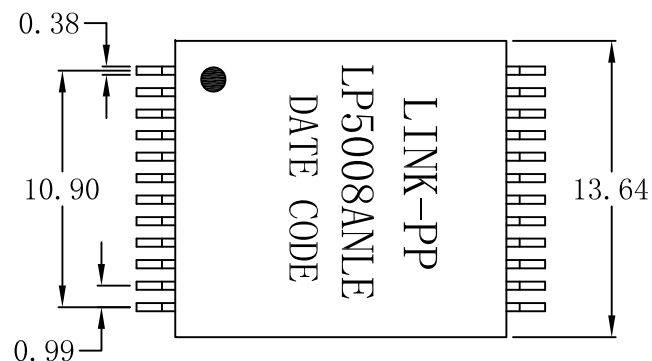
- 1. Turns Ratios: 1CT : 1CT
- 2. OCL: 350uH MIN
@100KHz, 100mV, 8mADC Bias
- 3. Insertion Loss:
1-100MHz:-1.0dB MAX
- 4. Return Loss(dB MIN) :
1-30MHz:-18 40MHz:-18
50MHz:-16 60-80MHz:-12
100MHz:-10
- 5. Crosstalk(dB MIN) :
30MHz:-45 60MHz:-40
100MHz:-33
- 6. DCMR(dB MIN) :
30MHz:-43 60MHz:-37
100MHz:-33
- 7. Hipot:1500Vrms MIN
- 8. Operating Temperature: -40℃ ~ +85℃.



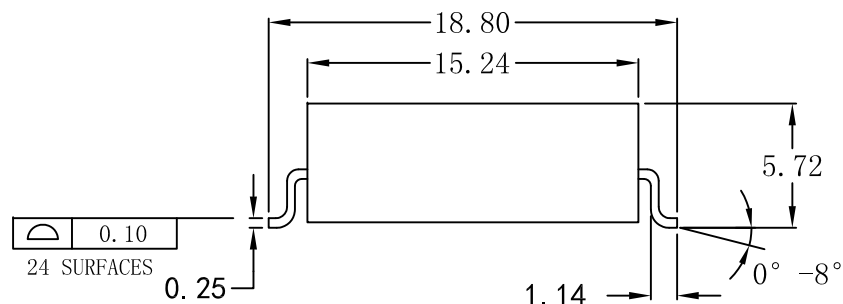
X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:		
X:XXX	±0.05	DR: TOM	TITLE: 1000Base-T Magnetic Modules	
ANGLES	±1°	UNIT: mm	PART NO.: LP5008ANLE	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP10042202

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/04/22	



SUGGESTED PAD LAYOUT



NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. With various Turns Ratios.
3. RoHS "NLE" peak solder rating 245°C.



X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:		
X:XXX	±0.05	DR: TOM	TITLE: 1000Base-T Magnetic Modules	
ANGLES	±1°	UNIT: mm	PART NO.: LP5008ANLE	
SCALE: 2/1		SHEET: 2/2	REV: A	DWG NO.: LP10042202