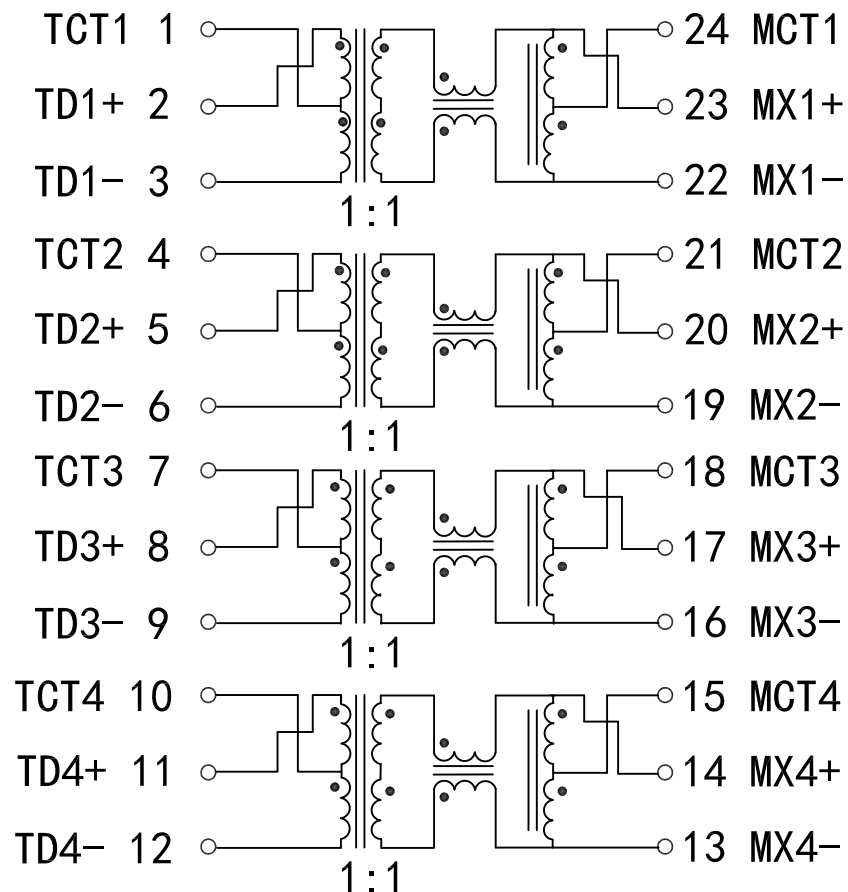


Schematic:

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



Electrical Specifications @25°C

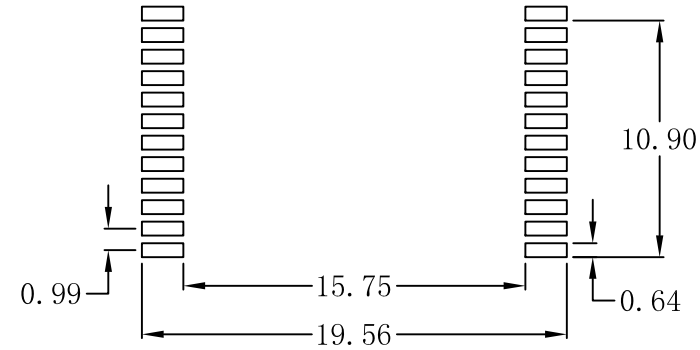
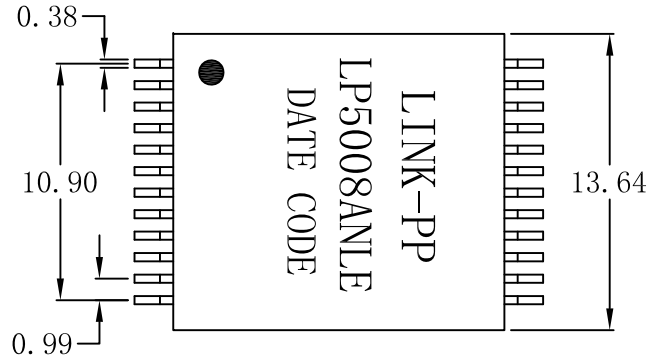
- Turns Ratios: 1CT : 1CT
- OCL: 350uH MIN
@100KHz, 100mV, 8mADC Bias
- Insertion Loss:
1-100MHz: -1.0dB MAX
- Return Loss (dB MIN):
1-30MHz: -18 40MHz: -18
50MHz: -16 60-80MHz: -12
100MHz: -10
- Crosstalk (dB MIN):
30MHz: -45 60MHz: -40
100MHz: -33
- DCMR (dB MIN):
30MHz: -43 60MHz: -37
100MHz: -33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



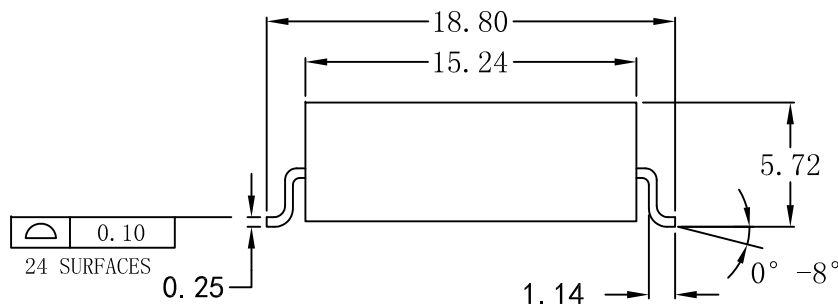
X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	TITLE: 1000Base-T Magnetic Modules	
X:XXX	±0.05	DR: TOM	PART NO.: LP5008ANLE	
ANGLES	±1°	UNIT: mm		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP10042202

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:	TITLE: 1000Base-T Magnetic Modules	
X:XXX	±0.05	DR: TOM	PART NO.: LP5008ANLE	
ANGLES	±1°	UNIT: mm	DWG NO.: LP10042202	
SCALE: 2/1		SHEET: 2/2		REV: A