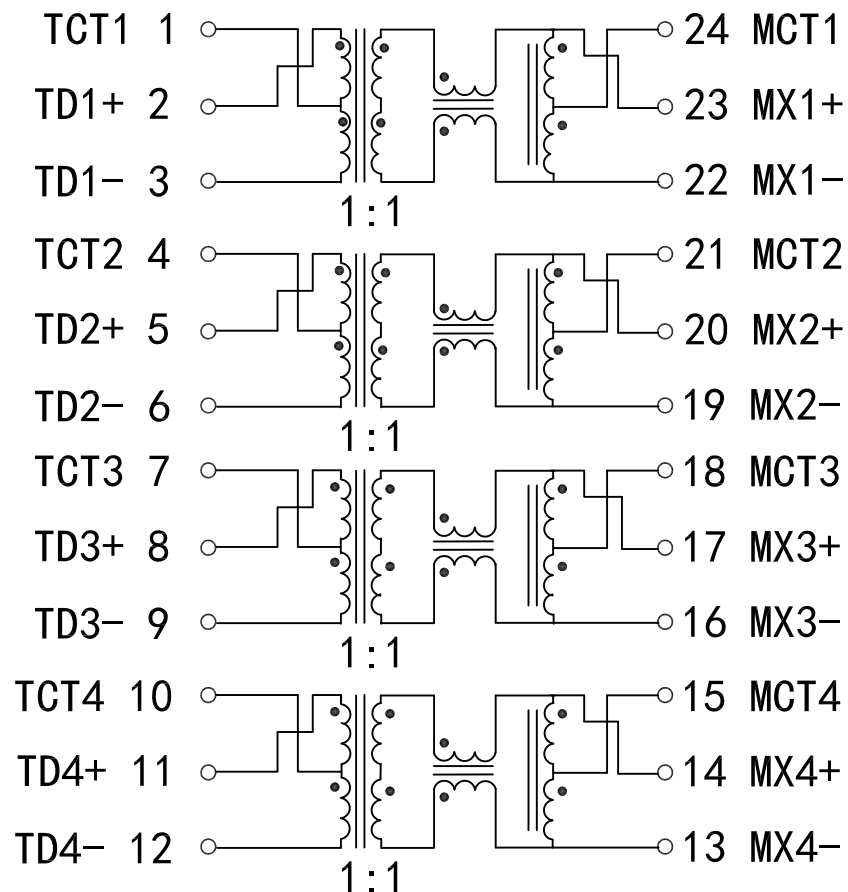


# Schematic:

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



## Electrical Specifications @25°C

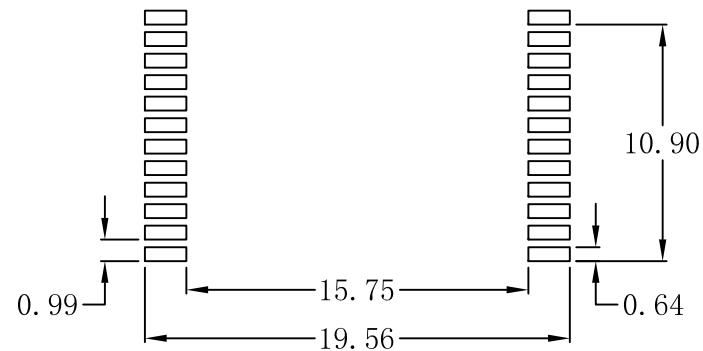
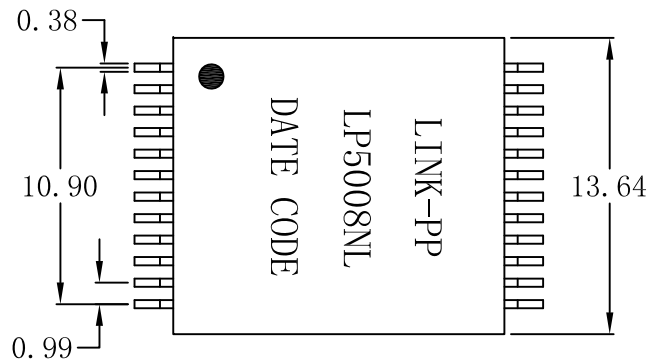
- Insertion Loss:  
1-100MHz:-1.0dB MAX
- Return Loss(dB MIN):  
1-30MHz:-18      40MHz:-18  
50MHz:-16      60-80MHz:-12  
100MHz:-10
- Crosstalk(dB MIN):  
30MHz:-45      60MHz:-40  
100MHz:-33
- DCMR(dB MIN):  
30MHz:-43      60MHz:-37  
100MHz:-33
- Hipot:1500Vrms MIN
- Operating Temperature: 0°C~70°C.



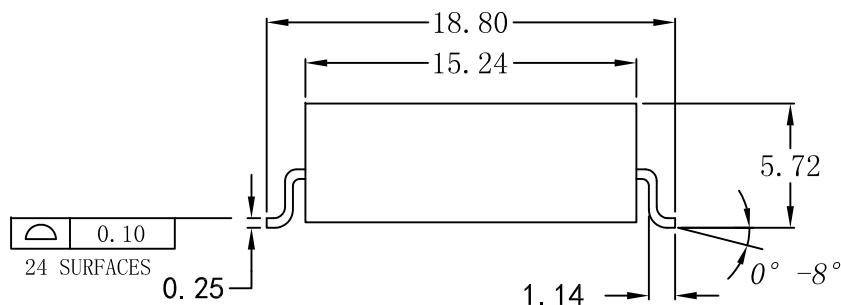
X:X	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.10	CHKD:	TITLE: 1000Base-T Magnetic Modules	
X:XXX	±0.05	DR: TOM	PART NO.: LP5008NL	
ANGLES	±1°	UNIT: mm		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: TRC10042220

# 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. 350uH min OCL with 8mA bias current.
4. RoHS "NL" peak solder rating 260°C ± 5°C.



X:X	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.10	CHKD:	TITLE: 1000Base-T Magnetic Modules	
X:XXX	±0.05	DR: TOM	PART NO.: LP5008NL	
ANGLES	±1°	UNIT: mm		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: TRC10042220