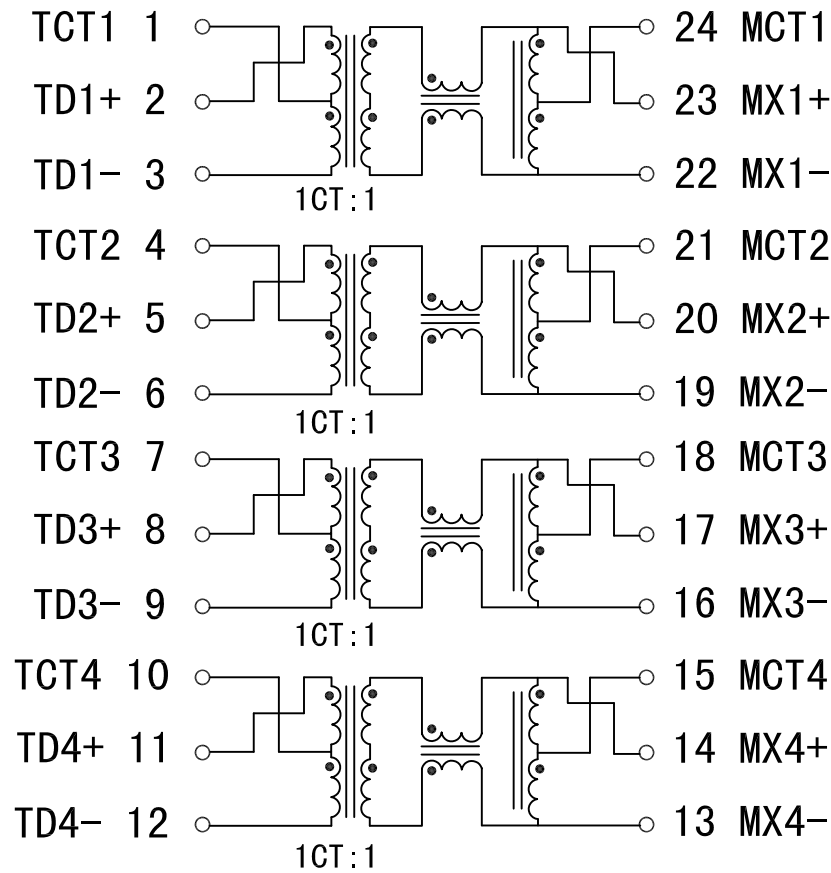


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A+	REL		2015/03/18	



Electrical Specifications @25°C

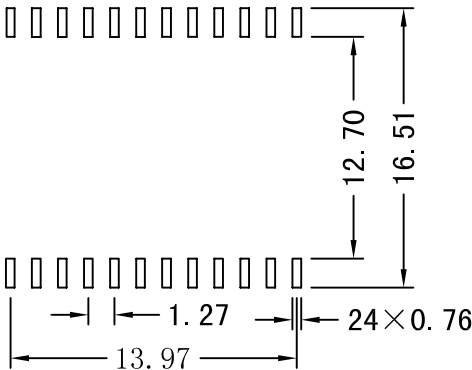
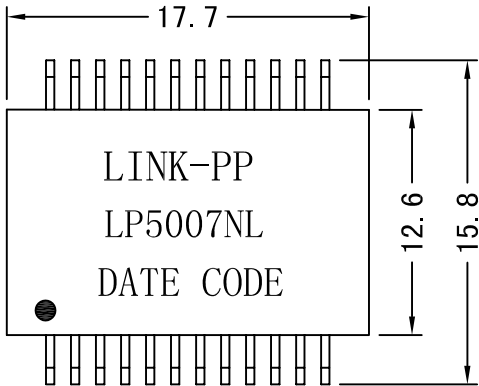
- Insertion Loss(dB max):
1-65MHz:-1.0 65-100MHz:-1.1
100-125MHz:-1.5
- Return Loss(dB min):
1-30MHz:-18 40MHz:-18
50MHz:-16 60-80MHz:-12
100MHz:-10
- Crosstalk(dB min):
30MHz:-45 60MHz:-40
100MHz:-35
- DCMR:(dB min):
30MHz:-43 60MHz:-37
100MHz:-33
- Isolation Voltage: 1500Vrms min
- Operating Temperature: -40°C~+85°C.



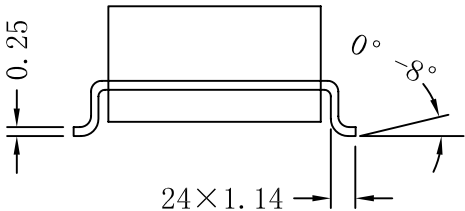
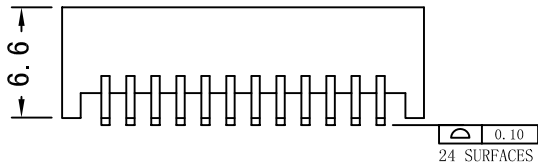
X:X	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.10	CHKD:	Title: 1000Base-T Magnetic Modules	
X:XXX	±0.05	DR: TOM		
ANGLES	±1°	UNIT: mm	PART NO. :	LP5007NL
		SCALE: 2/1	SHEET: 1/2	REV: A DWG NO. : LP09092405

Mechanical :

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A+	REL		2015/03/18	



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 $260 \pm 5^{\circ}\text{C}$.
 5. UL Certification: File Number E484635.

X:X	± 0.20	APPD:	<i>LINK-PP INT'L TECHNOLOGY CO., LIMITED</i>	
X:XX	± 0.10	CHKD:	<i>Title:</i> 1000Base-T Magnetic Modules	
X:XXX	± 0.05	DR: TOM		
ANGLES	$\pm 1^{\circ}$	UNIT: mm	PART NO. :	LP5007NL
		SCALE: 2/1	SHEET: 2/2	REV: A DWG NO. : LP09092405