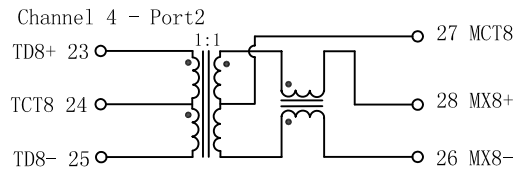
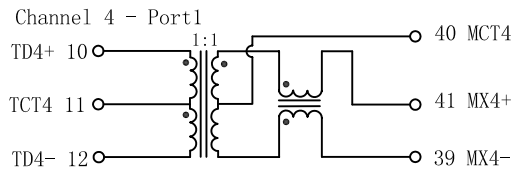
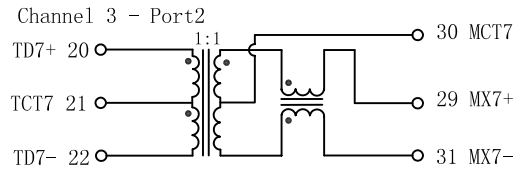
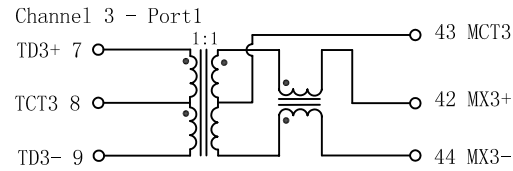
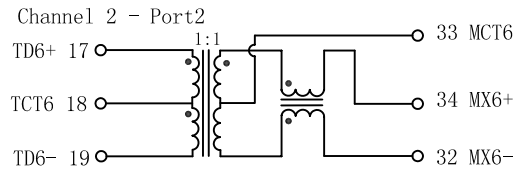
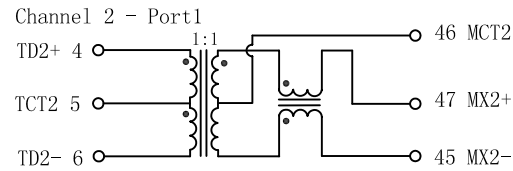
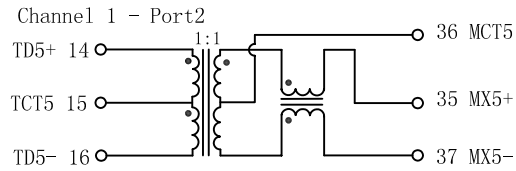
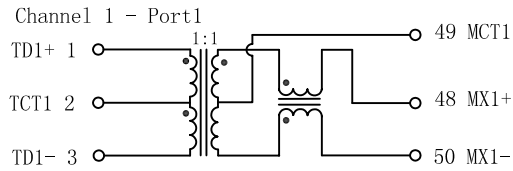


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		28/07/2007	



Electrical Specification @25°C

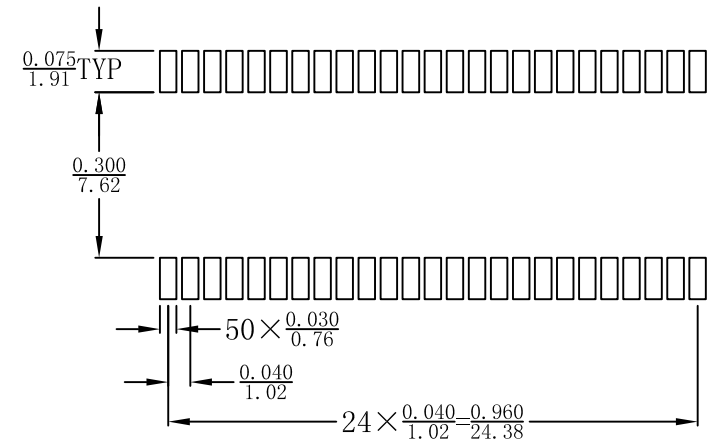
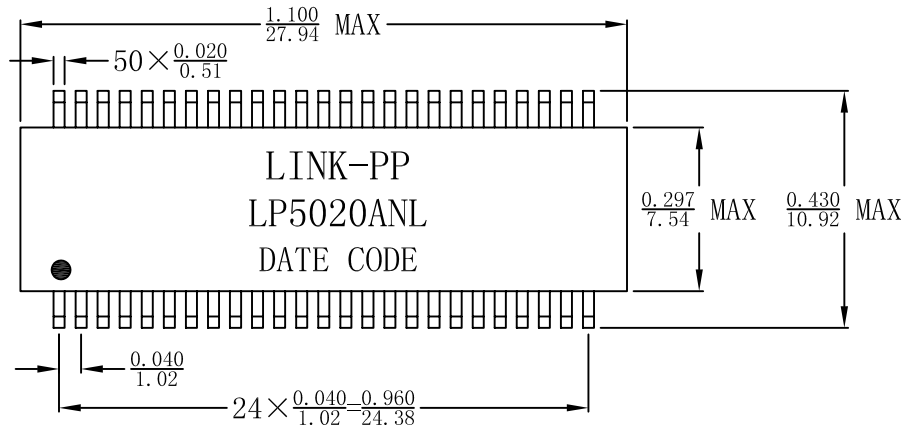
- Insertion Loss:
 - 1-100MHz:-1.0dB Max
- Return Loss(dB Min):
 - 1-30MHz:-18 40MHz:-14.4
 - 50MHz:-13.1 60-80MHz:-12
 - 100MHz:-10
- Crosstalk(dB Min):
 - 30MHz:-40 60MHz:-33
 - 100MHz:-28
- DCMR(dB Min):
 - 30MHz:-40 60MHz:-35
 - 100MHz:-30
- Isolation Voltage: 1500V Min
- Operating Temperature: -40°C ~+85°C.



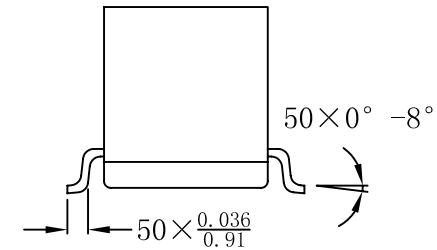
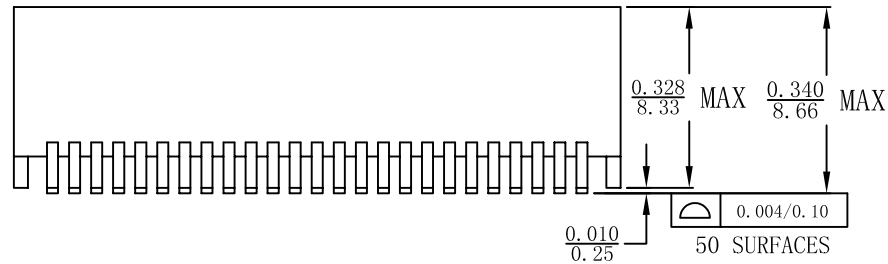
X:X	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.10	CHKD:	<i>Title:</i> 1000Base-T Magnetic Modules	
X:XXX	±0.05	DR: TOM		
ANGLES	±1°	UNIT: Inches/mm	PART NO.:	LP5020ANL
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.:

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		28/07/2007	



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 $260 \pm 5^{\circ}\text{C}$.

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.:	LP5020ANL
ANGLES	$\pm 1^{\circ}$	UNIT: Inches/mm		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: