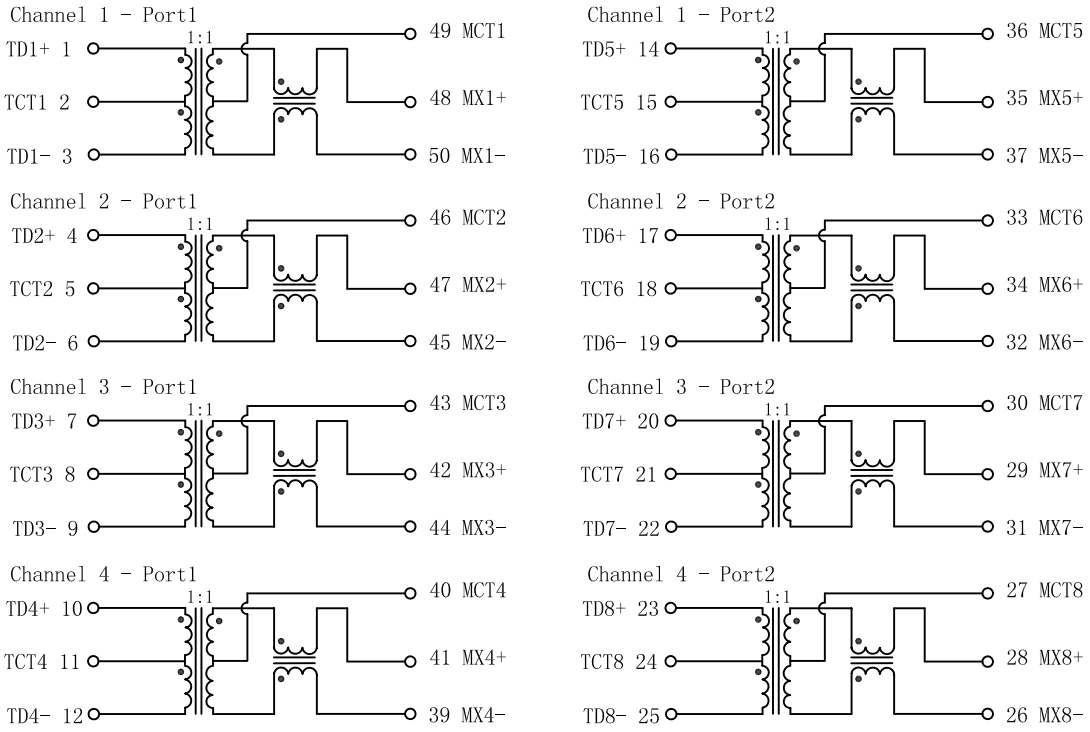
Schematic:

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



Electrical Specification @25℃

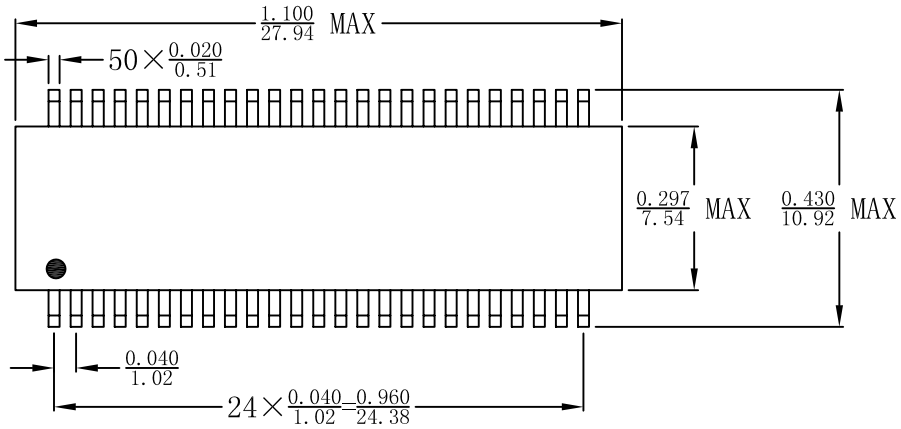
1. Insertion Loss:
   1-100MHz:-1.0dB max
2. Return Loss(dB min):
   1-30MHz:-18 40MHz:-14.4
   50MHz:-13.1 60-80MHz:-12
   100MHz:-10
3. Crosstalk(dB min):
   30MHz:-40 60MHz:-33
   100MHz:-28dB min
4. DCMR(dB min):
   30MHz:-40 60MHz:-35
   100MHz:-30
5. Isolation Voltage:1500V min
6. Operating Temperature:0～70℃

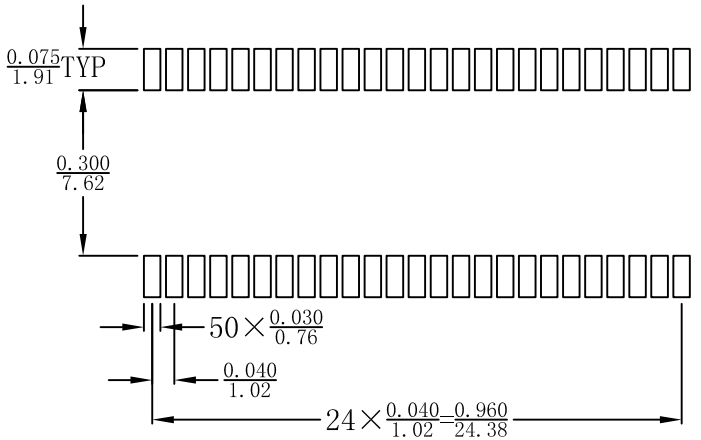
RoHS 2002/95/EC

X:X	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	±0.10	CHKD:	
X:XXX	±0.05	DR: TOM	Title: 1000Base-T Magnetic Modules
ANGLES	±1°	UNIT: Inches/mm	PART NO.: LP5020NL
		SCALE: 2/1 / SHEET: 2/2 / REV: A	DWG NO.:

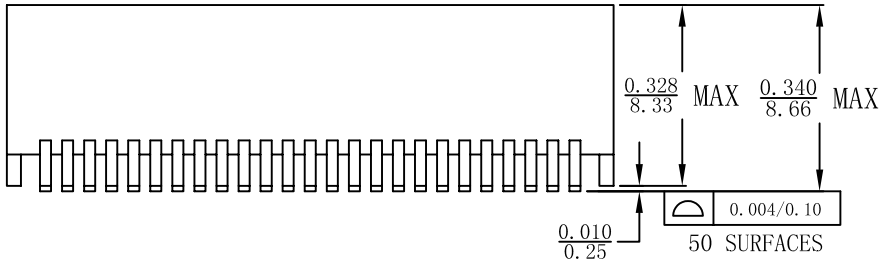
Mechanical:

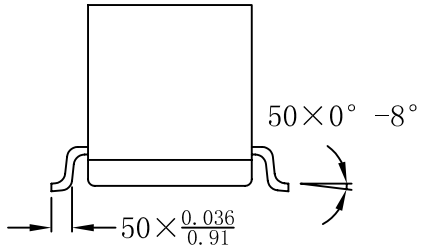
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		28/07/2007	





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±5℃.

RoHS 2002/95/EC

X:X	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	±0.10	CHKD:	
X:XXX	±0.05	DR: TOM	Title: 1000Base-T Magnetic Modules
ANGLES	±1°	UNIT: Inches/mm	PART NO.: LP5020NL

SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.:	