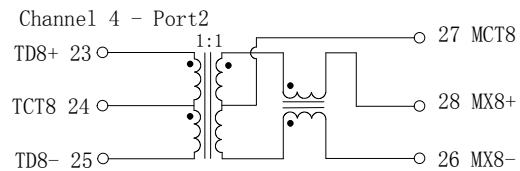
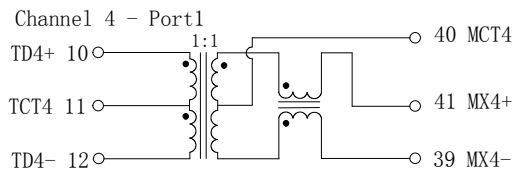
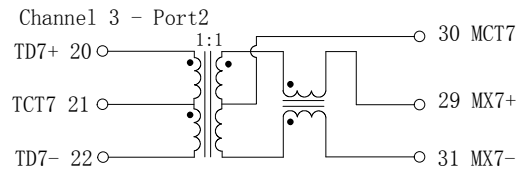
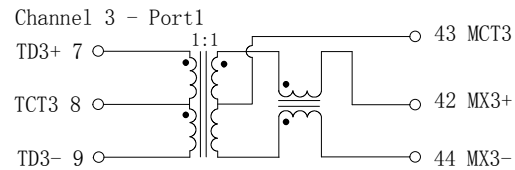
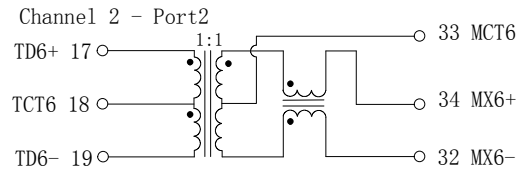
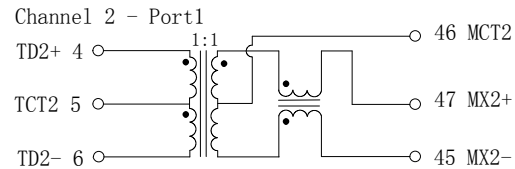
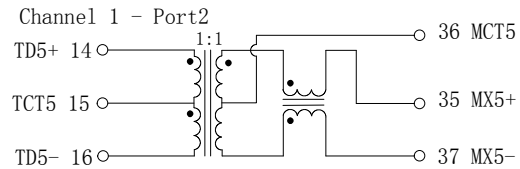
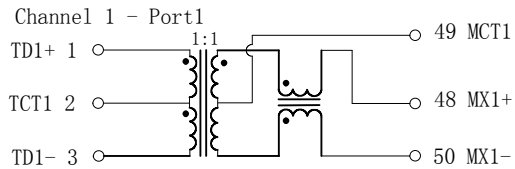


Schematic:

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



Electrical Specification @25°C

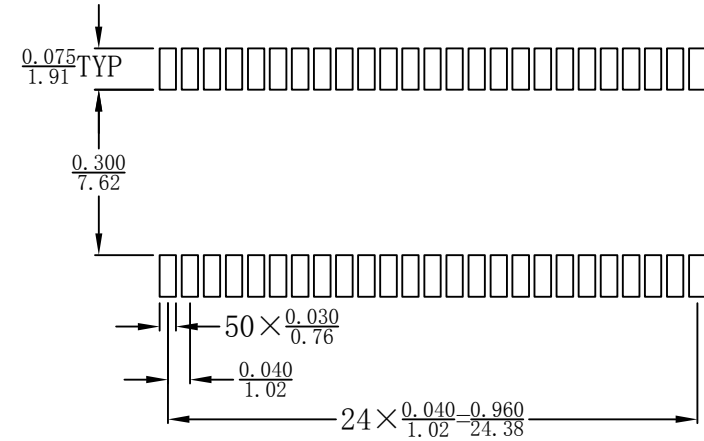
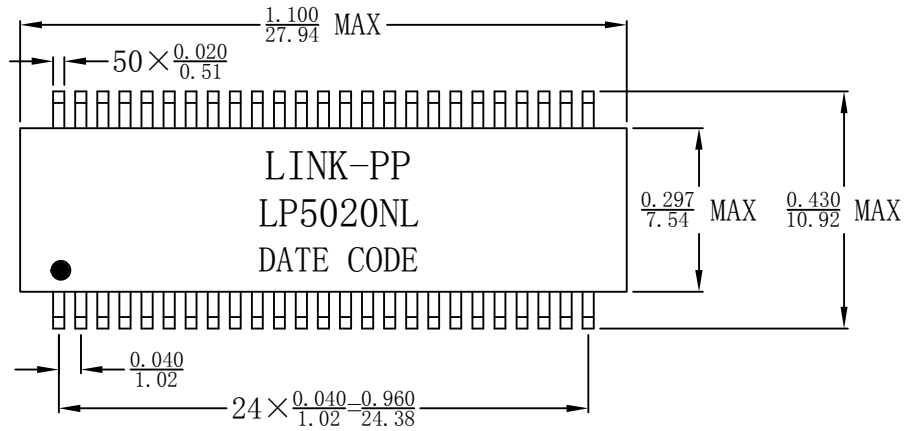
- Turns Ratio: 1CT : 1CT
- OCL: 350uH Min
@100KHz, 100mV, 20mADC Bias.
- Insertion Loss:
1-100MHz: -1.0dB Max
- Return Loss (dB Min):
1-30MHz: -18 40MHz: -14.4
50MHz: -13.1 60-80MHz: -12
100MHz: -10
- Crosstalk (dB Min):
30MHz: -40 60MHz: -33
100MHz: -28
- DCMR (dB Min):
30MHz: -40 60MHz: -35
100MHz: -30
- Hipot: 1500Vrms Min
- Operating Temperature: 0°C ~ 70°C.



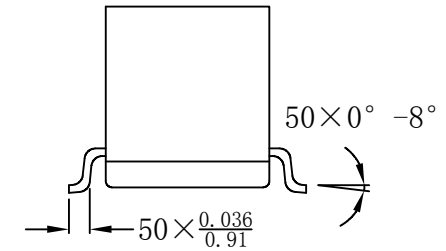
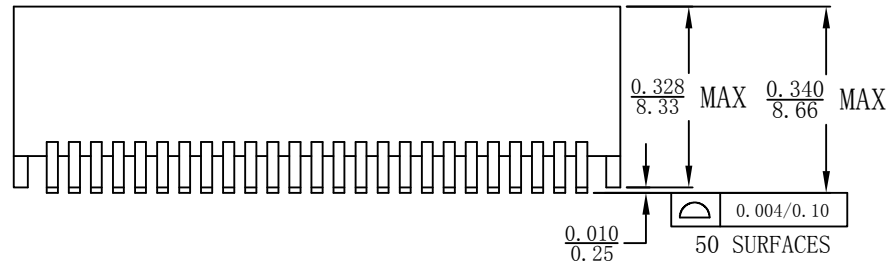
X:X	± 0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	± 0.25	CHKD:		
X:XXX	± 0.05	DR: TOM	TITLE: Dual Port 1000Base-T Magnetic Modules	
ANGLES	± 1°	UNIT: Inches/mm	PART NO.:	LP5020NL
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.:

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°C.

X:X	± 0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	± 0.25	CHKD:		
X:XXX	± 0.05	DR: TOM	TITLE: Dual Port 1000Base-T Magnetic Modules	
ANGLES	± 1°	UNIT: Inches/mm	PART NO.: LP5020NL	
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.:

Sales Department A-B2

Sales Engineer / Summer Ming - 明夏

Tel: 0086-752-3322915 Mob: 0086-180-2668-6530

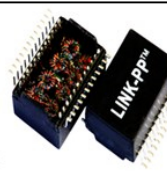
Fax: 0086-752-3161926

E-mail: Summer@link-pp.com

www.link-pp.com

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Jia An Industrial Park, Chenjiang Rd, Zhongkai Hightech Zone, Huizhou City,
516003, China



LINK- PP INT'L TECHNOLOGY CO., LIMITED

Seris : LPJXXXXXXXX / LPXXXXXXXX / LPAXXXXXXX