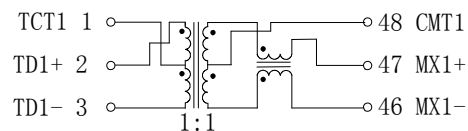


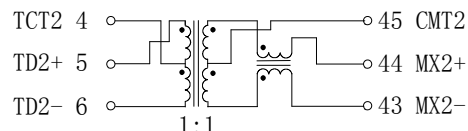
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/06/30	

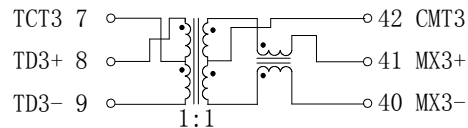
Channel 1 - Port 1



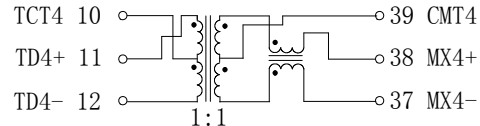
Channel 2 - Port 1



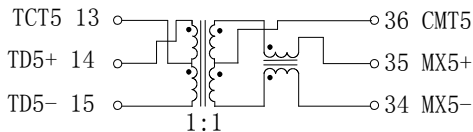
Channel 3 - Port 1



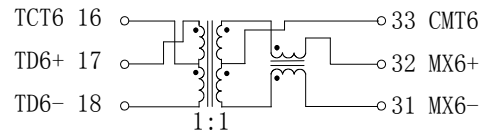
Channel 4 - Port 1



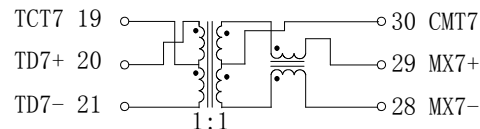
Channel 1 - Port 2



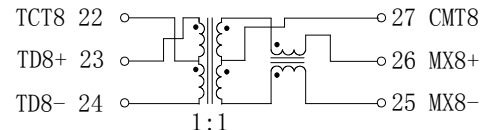
Channel 2 - Port 2



Channel 3 - Port 2



Channel 4 - Port 2



Electrical Specification @25°C

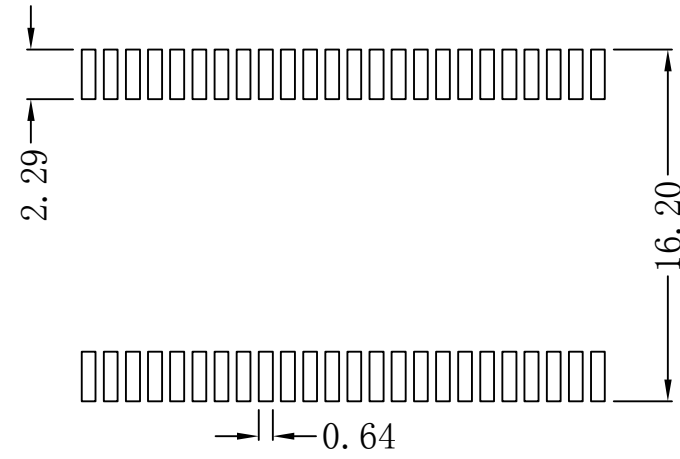
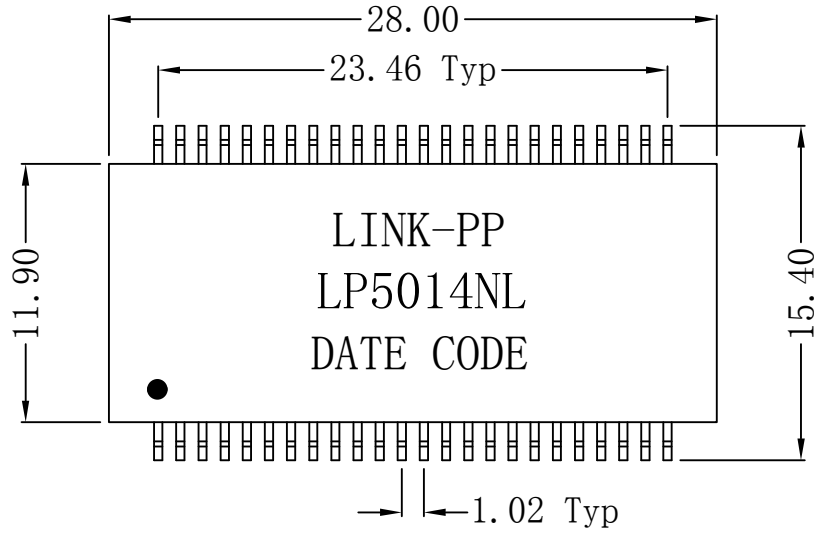
- Insertion Loss:
 - 1-100MHz:-1.4dB Max
- Return Loss(dB Min):
 - 1-30MHz:-16 40MHz:-14.4
 - 50MHz:-13.1 60-80MHz:-12
 - 100MHz:-10
- Crosstalk(dB Min):
 - 30MHz:-43.5 60MHz:-37.5
 - 100MHz:-33
- DCMR(dB Min):
 - 30MHz:-45 60MHz:-40
 - 100MHz:-35
- Hipot: 1500Vrms Min
- Operating Temperature: -40°C~+85°C.



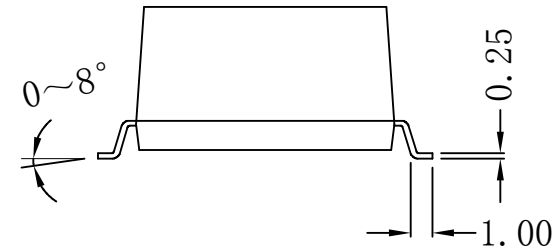
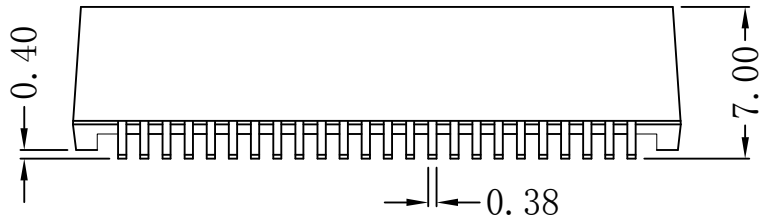
X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	CHKD:	
X:XXX	DR: TOM	TITLE: Dual Port 1000Base-T Magnetic Modules
ANGLES ± 1°	UNIT: mm	PART NO.: LP5014NL
	SCALE: 2/1	SHEET: 1/2
	REV: A	DWG NO.: LP10061229

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/06/30	



SUGGESTED PAD LAYOUT



Dimensions: mm

Unless otherwise specified, all tolerances are ± 0.25

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 $255 \pm 5^\circ\text{C}$.



X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX	CHKD:	TITLE: Dual Port 1000Base-T Magnetic Modules		
X:XXX	DR: TOM	PART NO.: LP5014NL		
ANGLES $\pm 1^\circ$	UNIT: mm	SCALE: 2/1	SHEET: 2/2	REV: A
		DWG NO.: LP10061229		

Sales Department A-B2

Sales Engineer / Summer Ming - 明夏

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

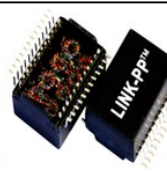
Fax: 0086-752-3161926

E-mail: Summer@link-pp.com

www.link-pp.com

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516003, China



LINK- PP INT'L TECHNOLOGY CO., LIMITED

Seris : LPJXXXXXXXX/ LPXXXXXXXX/ LPAXXXXXXX