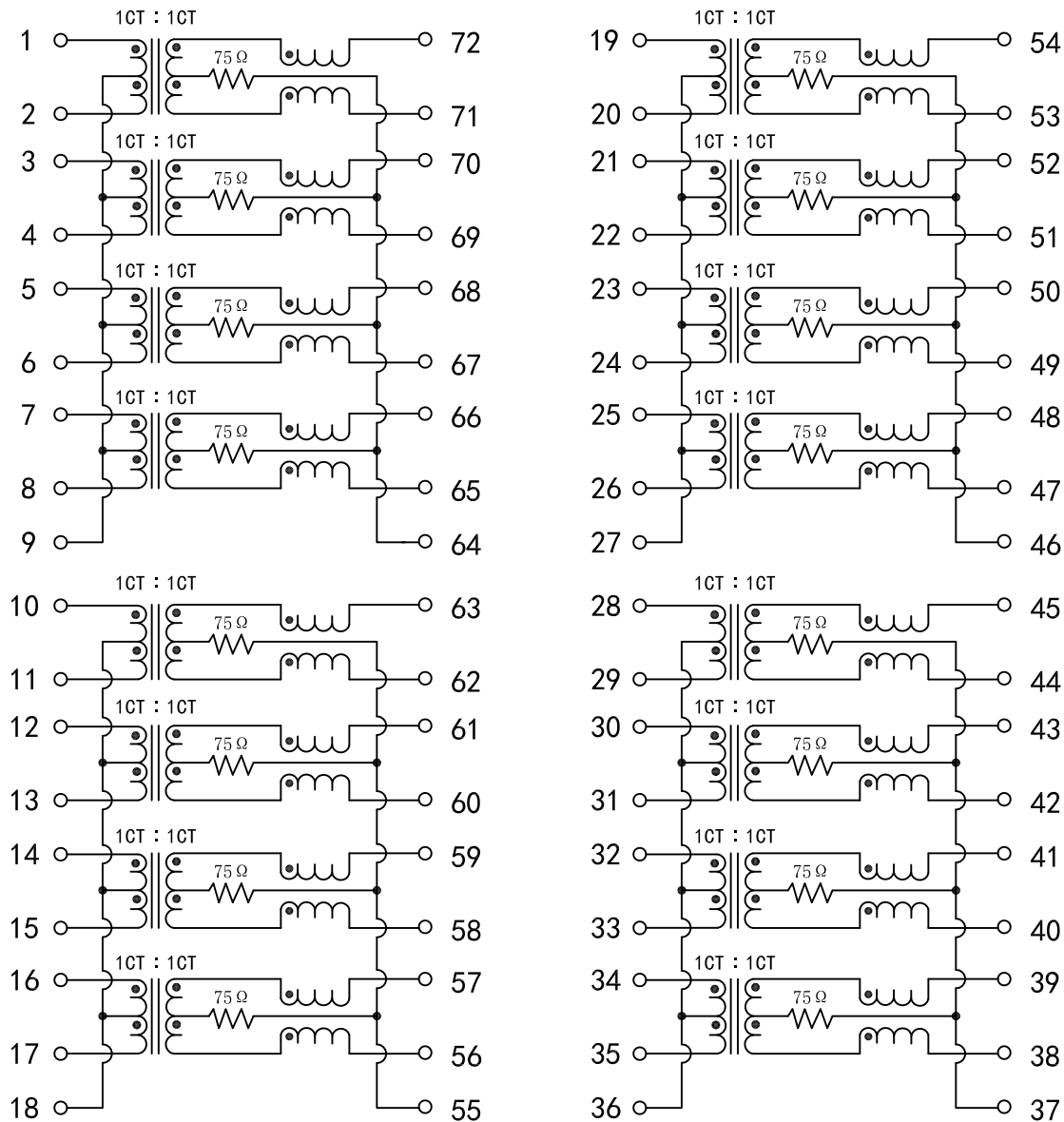


Schematic:



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/11/24	

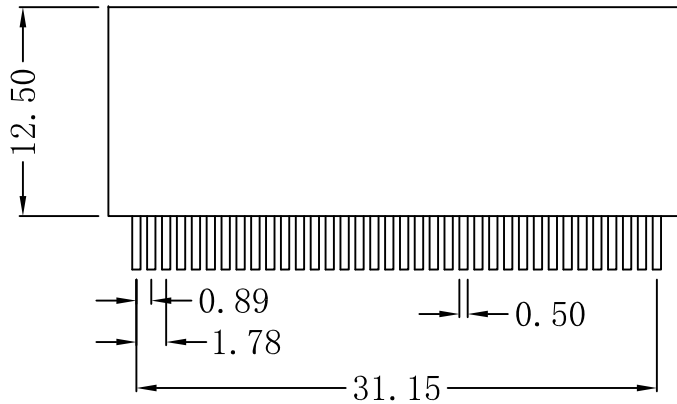
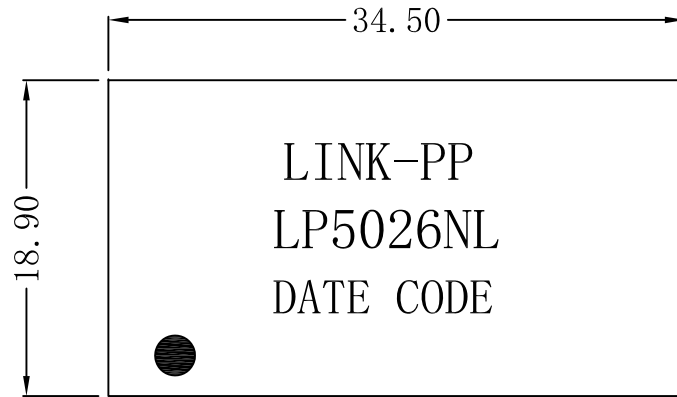
Electrical Specifications @25°C

- Turns Ratio:
Pri : Sec = 1CT : 1CT
- Pri Inductanc:
350uH Min @100KHz, 100mV, 8mADC.
- Insertion Loss:
100KHz-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:-35
100MHz:-30
- Differential to Common Mode Rejection:
30MHz:-40dB Min 60MHz:-35dB Min
100MHz:-30dB Min
- Hipot: 1500Vrms(Input to Output)
- Operating Temperature: 0°C~70°C.



X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	TITLE: 10/100/1000Base-TX Quad Port Dip Lan Transformer	
X:XXX	±0.05	DR: TOM	PART NO.: LP5026NL	
ANGLES	±1°	UNIT: mm		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP10112410

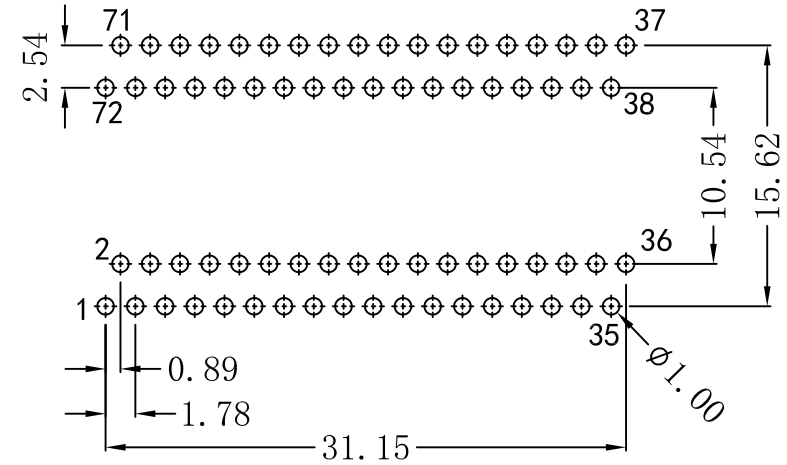
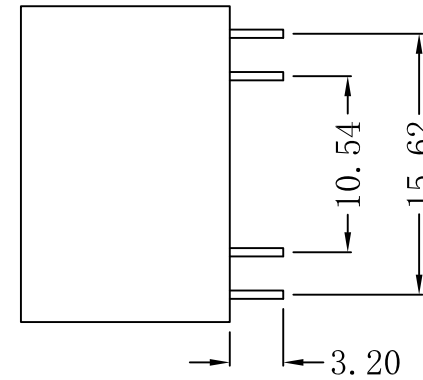
Mechanical:



NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. With various Turns Ratios.
3. Meets all IEEE Standards including 350uH OCL with 8mA bias current.
4. RoHS "NL" peak solder rating 245°C.
5. UL Certification: File Number E484635.

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/11/24	



SUGGESTED PCB LAYOUT (TOP VIEW)

X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	TITLE: 10/100/1000Base-TX Quad Port Dip Lan Transformer	
X:XXX	±0.05	DR: TOM	PART NO.: LP5026NL	
ANGLES	±1°	UNIT: mm	DWG NO.: LP10112410	
	SCALE: 2/1	SHEET: 2/2	REV: A	