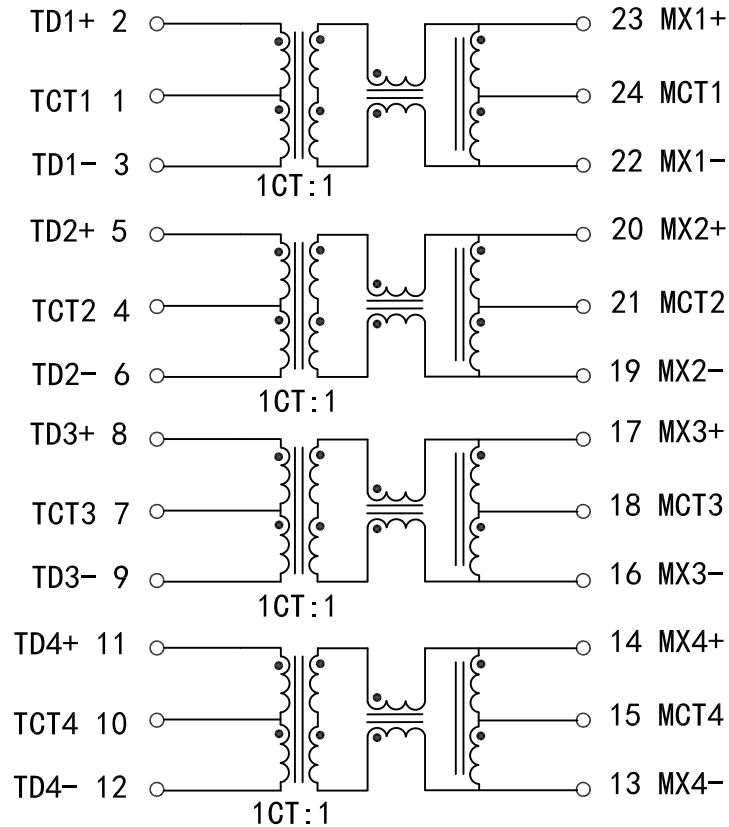


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
B	REL		2016-05-31	



Electrical Specifications @25°C

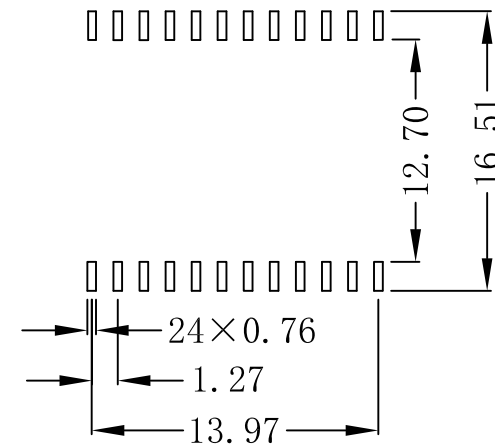
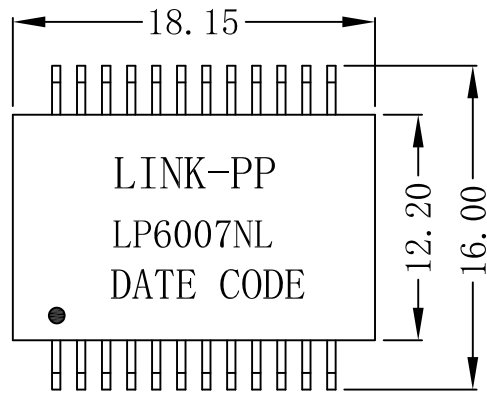
- Turns Ratio ($\pm 2\%$):
Pri:Sec = 1CT:1
- Inductance (@100KHz, 100mV, 8mA):
350uH MIN
- Insertion Loss:
1-100MHz: -1.0dB Max
- Return Loss (dB Min):
1-30MHz: -18 40MHz: -18
50MHz: -16 60-80MHz: -12
100MHz: -10
- Crosstalk (dB Min):
30MHz: -45 60MHz: -40
100MHz: -35
- DCMR (dB Min):
30MHz: -43 60MHz: -37
100MHz: -33
- Hipot: 3500Vrms Min
- Operating Temperature: 0°C ~ 70°C.



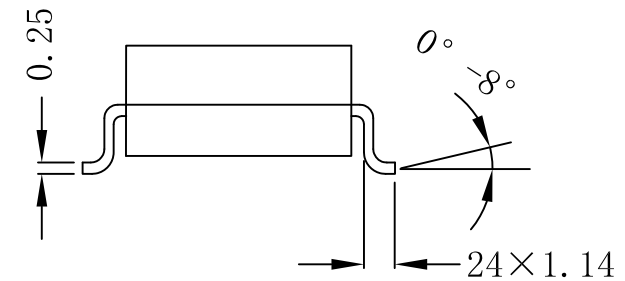
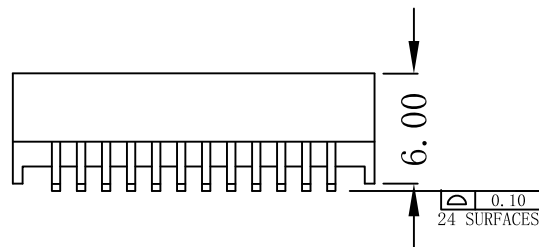
X:X	± 0.25	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	± 0.20	CHKD:	TITLE: 1000Base-T Magnetic Modules	
X:XXX	± 0.10	DR: TOM	PART NO.: LP6007NL	
ANGLES	$\pm 1^\circ$	UNIT: mm	DWG NO.: LP16053102	
	SCALE: 2/1	SHEET: 1/2	REV:	

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
B	REL		2016-05-31	



SUGGESTED PAD LAYOUT



NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE 802.3 specification.
3. Maximum reflow temperature is 250°C, 5 Sec.



X:X	±0.25	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.20	CHKD:	TITLE: 1000Base-T Magnetic Modules	
X:XXX	±0.10	DR: TOM	PART NO.: LP6007NL	
ANGLES	±1°	UNIT: mm	SCALE: 2/1	SHEET: 2/2
		REV: A	DWG NO.: LP16053102	