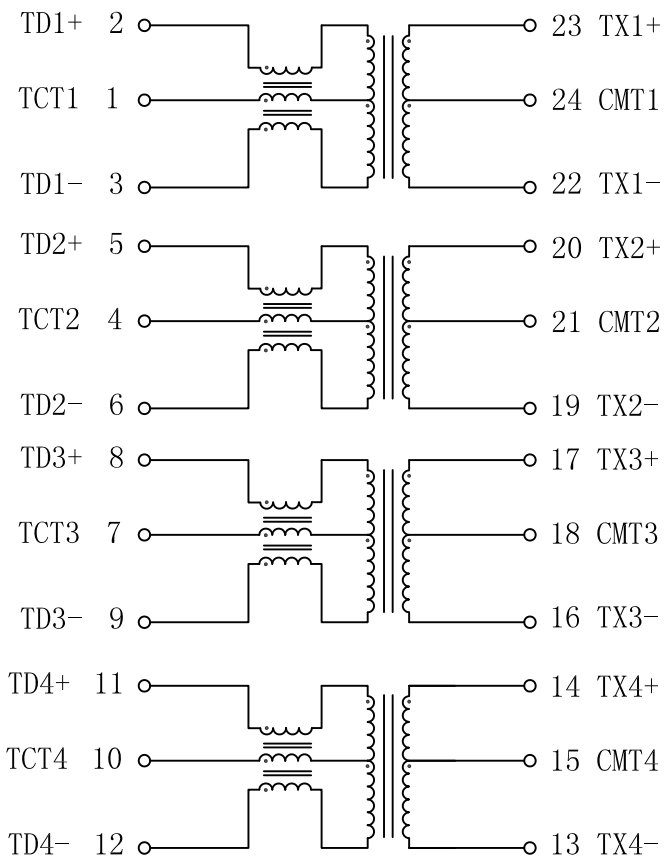
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2016/03/07	



Electrical Specifications @25℃

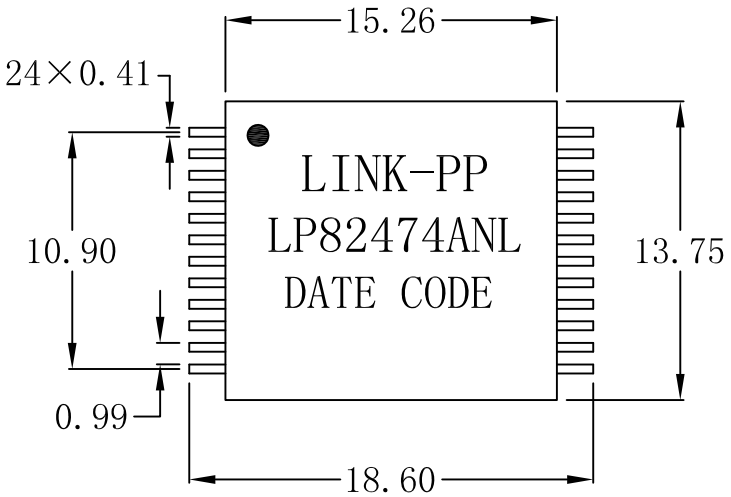
1. Turn Ratio(TX/RX):
   Pri：Sec = 1CT：1CT ±2%
2. Inductance OCL: 350uH Min
   @100KHz, 0.1V,8mADC Bias.
3. Insertion Loss:
   1-100MHz:-1.1dB Max
4. Return Loss:
   1-40MHz:-18dB Min
   60MHz:-14dB Min
   80MHz:-12dB Min
   100MHz:-10dB Min
5. Crosstalk:
   1-100MHz:-40dB Typ
6. Common Mode Rejection:
   0.1-100MHz:-40dB Typ
7. DC Resistance(TX/RX):
   0.9Ω Max
8. Isolation Hipot: 1500Vrms Min
9. Operating Temperature: -40℃～+85℃.

RoHS 2011/65/EU

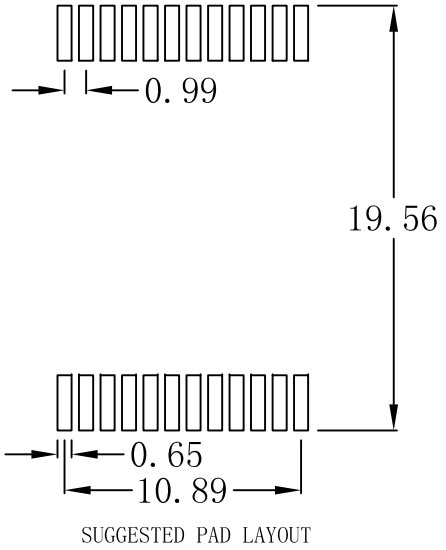
X:X		APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	±0.25	CHKD:	
X:XXX		DR: TOM	TITLE: 1000Base-T Magnetic Modules
ANGLES	±1°	UNIT: mm	PART NO.: LP82474ANL
	SCALE: 2/1	SHEET: 1/2	REV: A / DWG NO.: LP16030701

Mechanical:

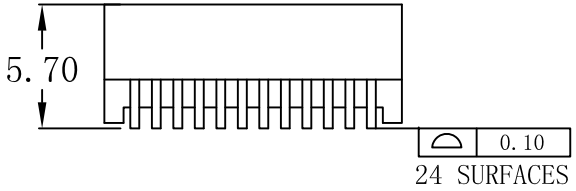
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2016/03/07	

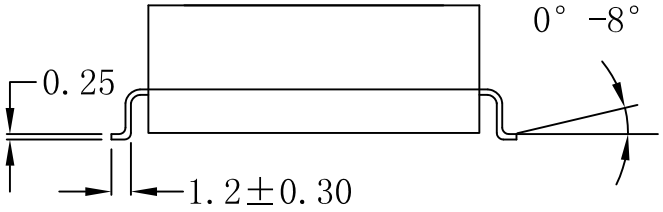


RoHS 2011/65/EU



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. Maximun reflow temperature is 250℃, 5 Sec.

Unless otherwise specified, all tolerances are ±0.25

X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX ±0.25	CHKD:		
X:XXX	DR: TOM	TITLE: 1000Base-T Magnetic Modules	
ANGLES ±1°	UNIT: mm	PART NO.: LP82474ANL	
	SCALE: 2/1	SHEET: 2/2	REV: A
		DWG NO.: LP16030701	