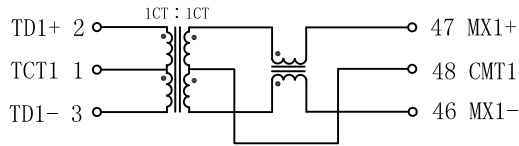


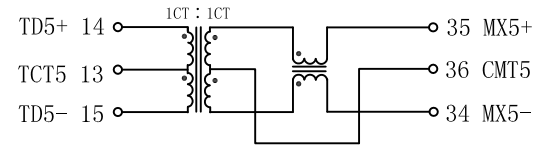
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2017-03-29	

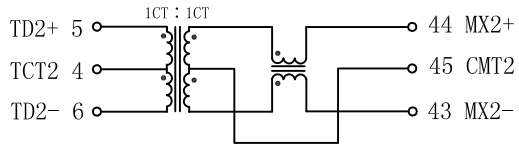
Channel 1 - Port1



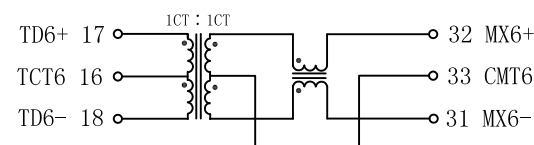
Channel 1 - Port2



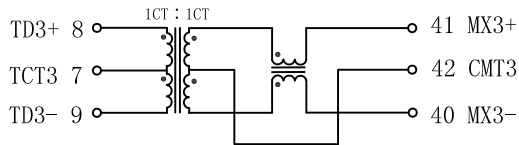
Channel 2 - Port1



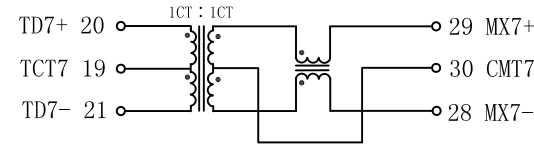
Channel 2 - Port2



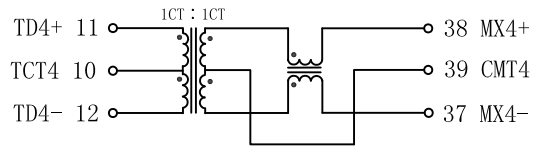
Channel 3 - Port1



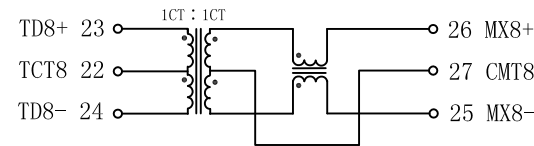
Channel 3 - Port2



Channel 4 - Port1



Channel 4 - Port2



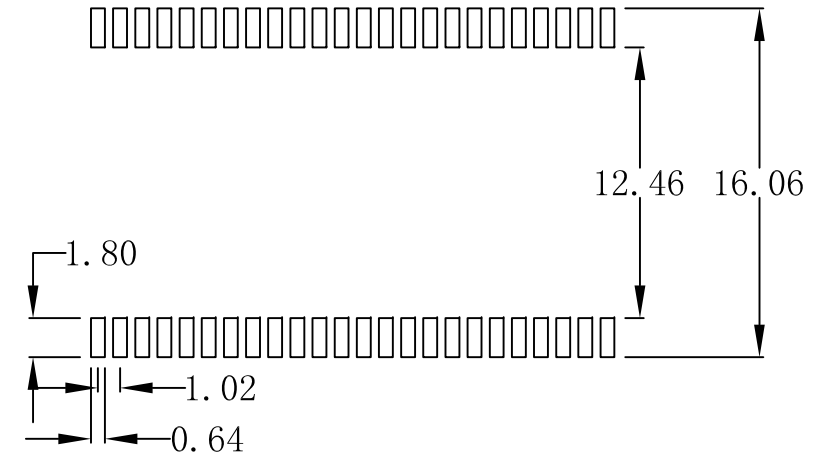
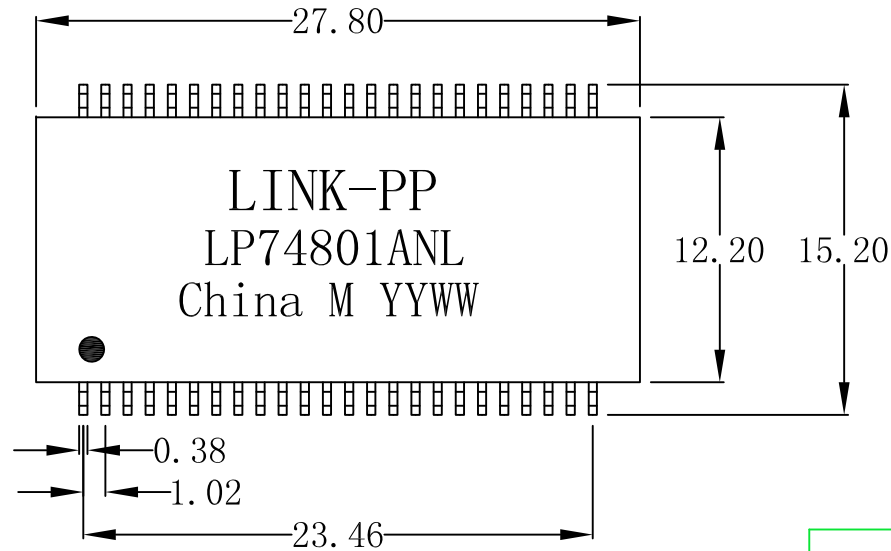
Electrical Specification @25°C

- Turns Ratio: $\pm 5\%$
1CT : 1CT
- OCL: 120uH typ @100KHz, 0.1Vrms.
- Insertion Loss(dB max):
100KHz: -3.0
1-400MHz: -1.5
500MHz: -3.0
- Return Loss(dB min):
1-40MHz: -18
40-500MHz: $-17 + 10 * \log(f/40)$
- Crosstalk(dB min):
1-100MHz: -40
100-500MHz: -30
- Common to Differential Mode Rejection(dB min):
1-250MHz: -30
250-500MHz: -22
- Hipot: 1500Vrms
- Operating Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$.

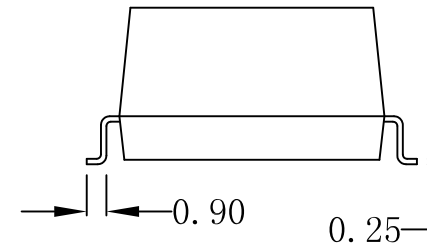
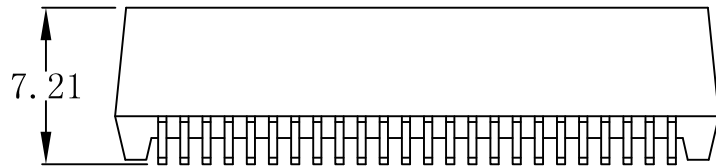
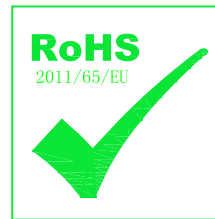
X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.25	CHKD:	TITLE: Dual Ports 10GBase-T Magnetic Modules		
X:XXX	DR: TOM	PART NO.: LP74801ANL		
ANGLES ±1°	UNIT: mm			
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP17032918

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2017-03-29	



SUGGESTED PAD LAYOUT



NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Qualified with top 10Gig PHY Manufacturers
3. The part is RoHS compliant.
4. Meets IEEE 802.3 specification.
5. Maximum reflow temperature is 250°C, 5 Sec.
6. UL Certification: File Number E484635.

X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.25	CHKD:	TITLE: Dual Ports 10GBase-T Magnetic Modules		
X:XXX	DR: TOM	PART NO.: LP74801ANL		
ANGLES ±1°	UNIT: mm			
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: LP17032918