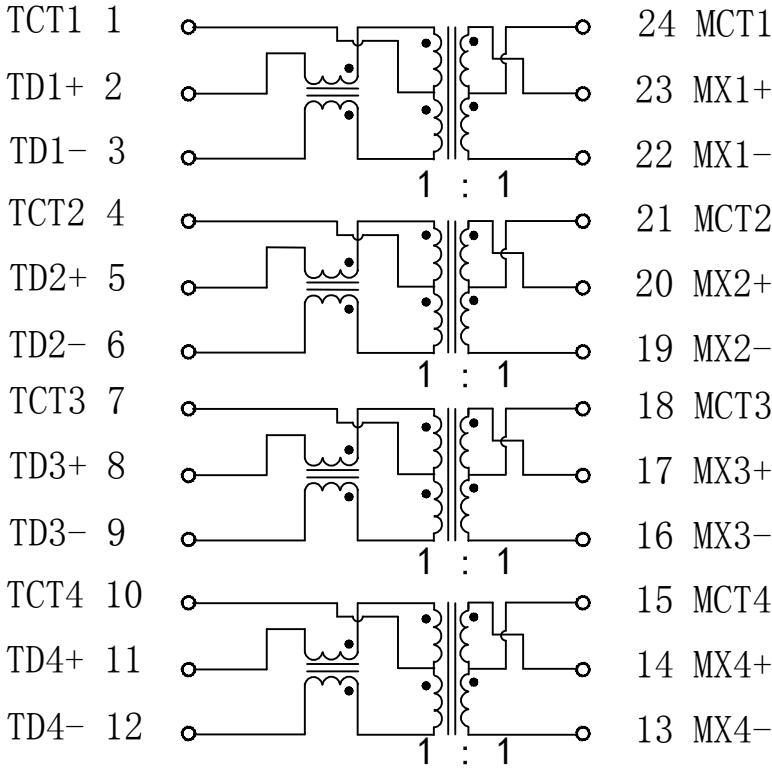


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015/07/18	



Electrical Specifications @25℃

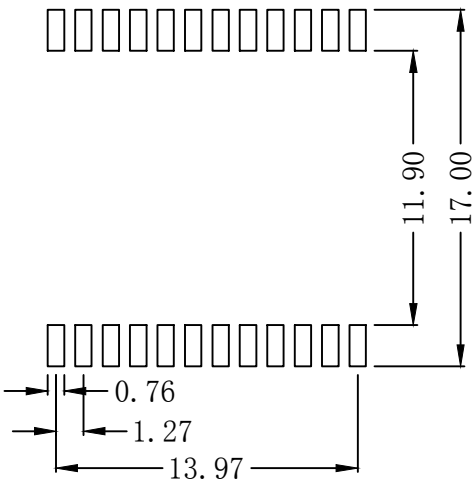
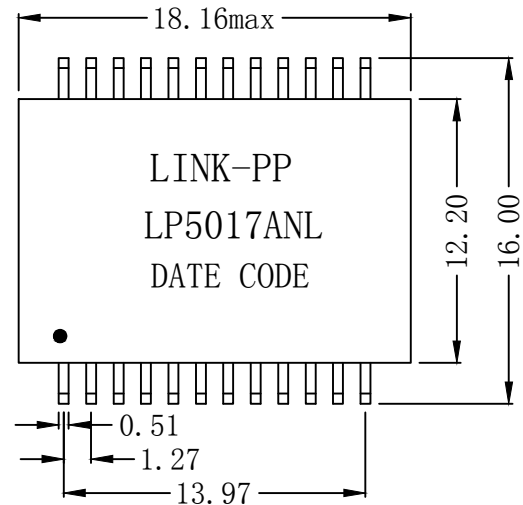
- Turns Ratio:
Pri:Sec = 1CT:1CT
- Primary inductance:
180uH MIN @100KHz, 0.1Vrms with 15mA DC bias
- Insertion Loss(dB MAX):
1MHz:-0.4 2-250MHz:-1.5
- Return Loss(dB MIN):
1-40MHz:-18 40-250MHz:-17+10*log(f/40)
- Crosstalk(dB MIN):
1-100MHz:-40 100-250MHz:-30
- CDMR (dB min) :
1-250MHz: -30
- Isolation Voltage(Vrms min): 4000Vac/1A/3s
- Operating Temperature: -40 to +85℃.



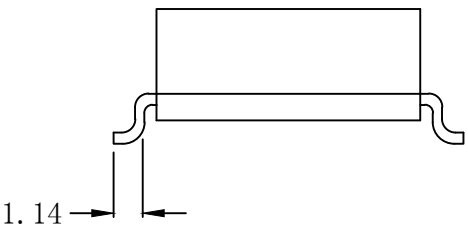
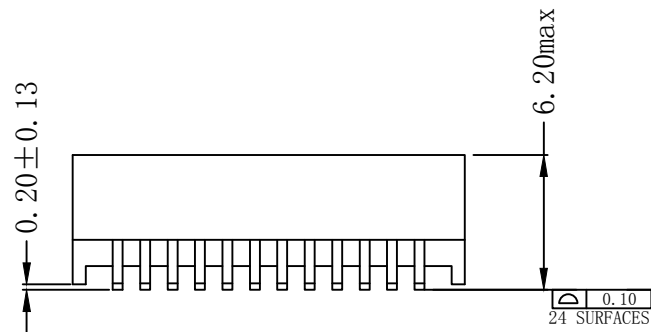
X:X ±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.25	CHKD:	TITLE: 2.5GBASE-TX TRANSFORMER MODULES		
X:XXX ±0.05	DR: James			
ANGLES ±1°	UNIT: mm	PART NO. : LP5017ANL		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO. : LP15071807

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015/07/18	



SUGGESTED PAD LAYOUT



- NOTES:
- 1.Designed to support application,such as SOHO(ADSL modems),LAN-on-Motherboard(LOM),hub and Switches.
 - 2.Meets IEEE 802.3at specification.
 - 3.Flammability Rating: UL94V-0
 - 4.Maximun reflow temperature is 250℃,5 Sec.
 - 5.UL certification: file number E484635



X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	TITLE: 2.5GBASE-TX TRANSFORMER MODULES	
X:XXX	±0.05	DR: James	PART NO. : LP5017ANL	
ANGLES	±1°	UNIT: mm	REV: A	DWG NO. : LP15071807
SCALE: 2/1		SHEET: 2/2		