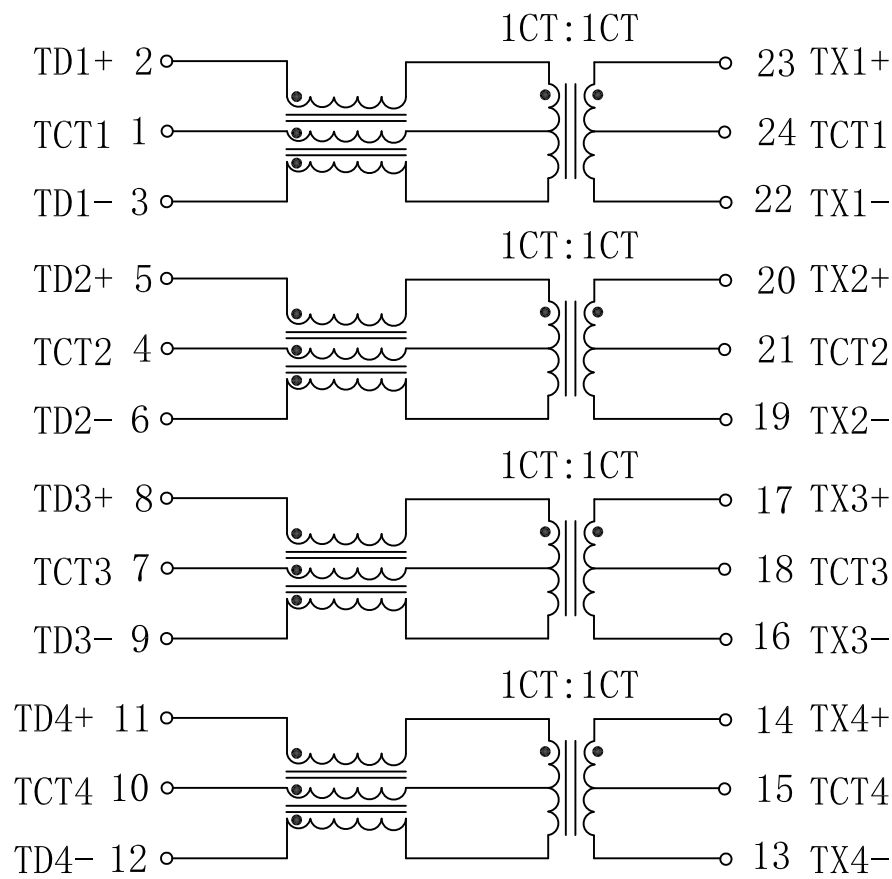


Schematic:



ELECTRICAL SPECIFICATIONS @25℃

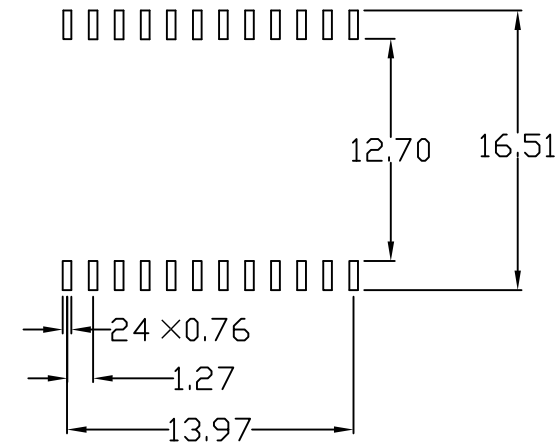
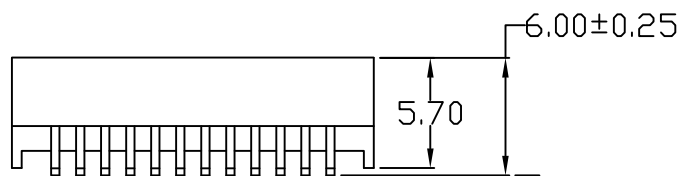
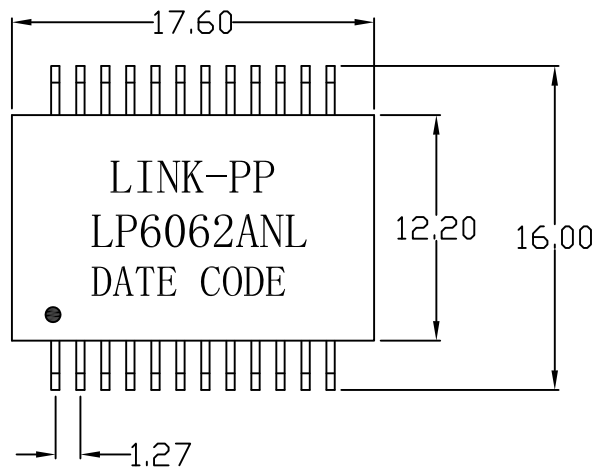
- Turn Ratio($\pm 2\%$):
Pri:Sec = 1CT:1CT
- Inductance OCL:
350uH Min @ 100KHz 0.1V 11mA DC Bias
- Insertion Loss(dB Max):
0.3-1MHz:-1.1 1-65MHz:-0.8
65-100MHz:-1.0 100-125MHz:-1.2
- Return Loss(dB Min):
1-40MHz:-18
40-100MHz:-12-20log(f/80)
- Cross talk:
0.3-100MHz:-33-20log(f/100)
- CM to CM Rej(dB Min):
0.3-100MHz:-30
- CM to DM Rej(dB Min):
0.3-100MHz:-35
- Balanced DC Line current:
1.0A MAX @ 57VDS Continuous.
1.2A MAX @ 57VDS For 200mS.
Temperature rise of 35℃ when supplying
1.2Amp continuous over 4 pairs.
- Hipot Test: 1500Vrms
- Operating Temperature Range: -40℃ TO +85℃.



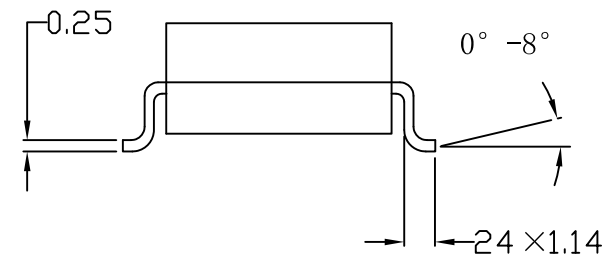
X:X		APPD:		LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX	±0.25	CHKD:				
X:XXX		DR: TOM		TITLE: 1000Base-T Single Port Transformer Modules For PoE++ Application		
ANGLES ±1°		UNIT: mm				
PART NO. :			LP6062ANL			
		SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO. : LP13091721	

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-6-23	



SUGGESTED PAD LAYOUT



NOTES:

1. Gigabit Transformer Modules With Power Over Ethernet++ Over.
2. IEEE 802.3at/bt requirements with up to 1 Amp current over 2 or 4 pairs.
3. Maximun reflow temperature is 250°C, 5 Sec.
4. UL Certification: File Number E484635.

X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.25	CHKD:			
X:XXX	DR: TOM	TITLE: 1000Base-T Single Port Transformer Modules For PoE++ Application		
ANGLES ±1°	UNIT: mm	PART NO.: LP6062ANL		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: LP13091721