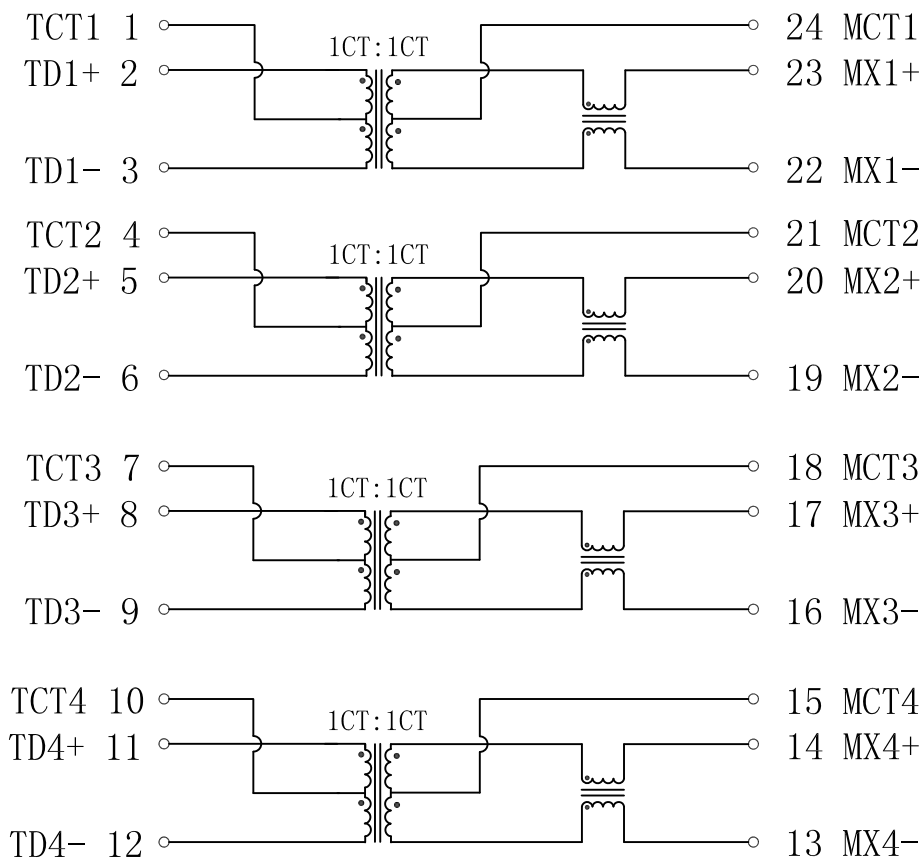


Schematic:



Electrical Specifications @25℃

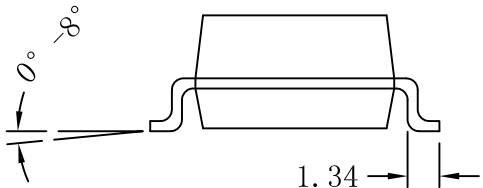
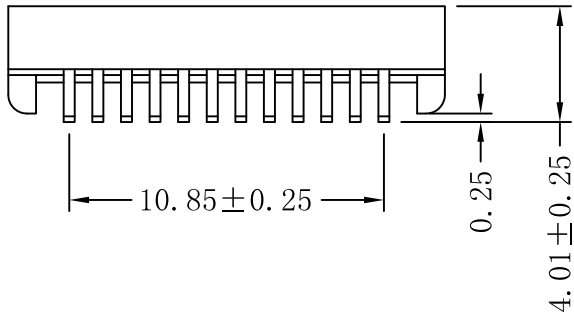
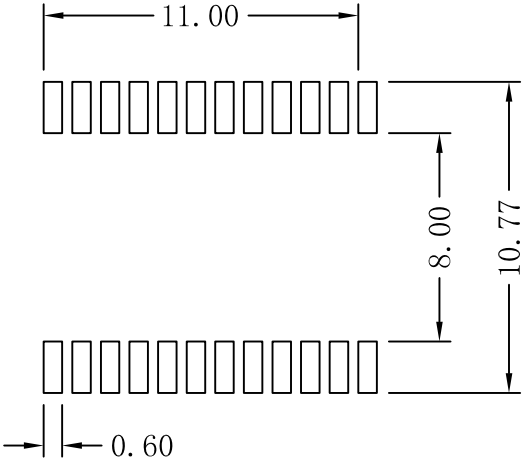
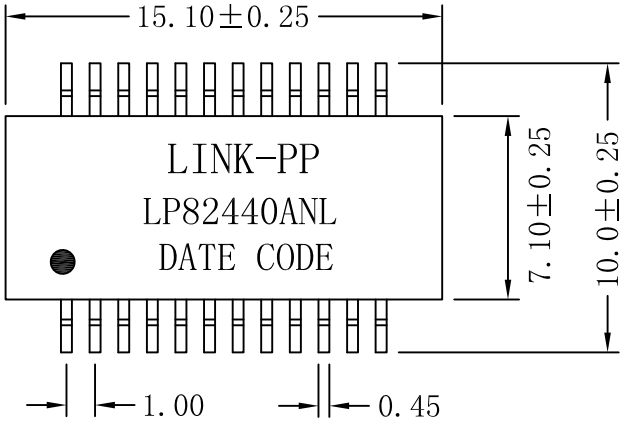
- 1. Turn Ratio(TX/RX):
Pri:Sec=1CT:1CT ±5%
- 2. Inductance OCL:
350uH Min,100KHz/0.1V 8mA DC BLAS
- 3. Insertion Loss:
1-100MHz:-1.0dB Max
- 4. Return Loss:
1-30MHz:-18dB Min
40MHz:-14.4dB Min
50MHz:-13.1dB Min
60-80MHz:-12dB Min
- 5. Crosstalk:
30MHz:-45dB Min
60MHz:-40dB Min
100MHz:-35dB Min
- 6. DCMR:
30MHz:-40dB Min
60MHz:-35dB Min
100MHz:-30dB Min
- 7. Isolation Voltage: 1500Vrms
- 8. Operating Temperature: -40℃~+85℃.



X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX	±0.25	CHKD:	TITLE: 1000Base-T Magnetic Module SMD, Low Profile Small Package		
X:XXX	±0.05	DR: TOM			
ANGLES	±1°	UNIT: mm	PART NO.: LP82440ANL		
		SCALE: 2/1	SHEET: 1/2	REV: B	DWG NO.: LP170513063

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
B	REL		2017/05/13	



- NOTES
1. DESIGNED FOR GIGABIT TRANSCEIVERS
 2. PEAK REFLOW TEMPERATURE RATING 260°C
 3. MAGNETICS, DESIGNED FOR GIGABIT PHY USED IN BACKPLANE
 4. COMPLIANT WITH IEEE 802.3AB STANDARD
 5. UL CERTIFICATION: FILE NUMBER E484635

X:X	± 0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	± 0.25	CHKD:	TITLE: 1000Base-T Magnetic Module SMD, Low Profile Small Package	
X:XXX	± 0.05	DR: TOM	PART NO.: LP82440ANL	
ANGLES	$\pm 1^\circ$	UNIT: mm		
	SCALE: 2/1	SHEET: 2/2	REV: B	DWG NO.: LP170513063