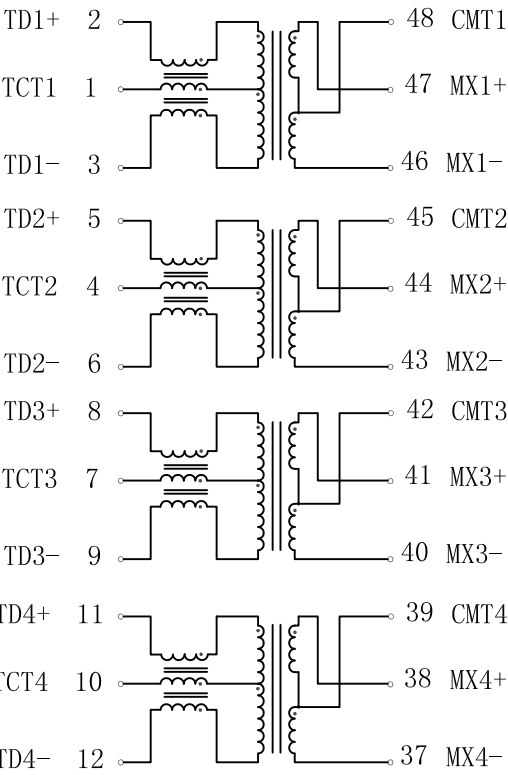


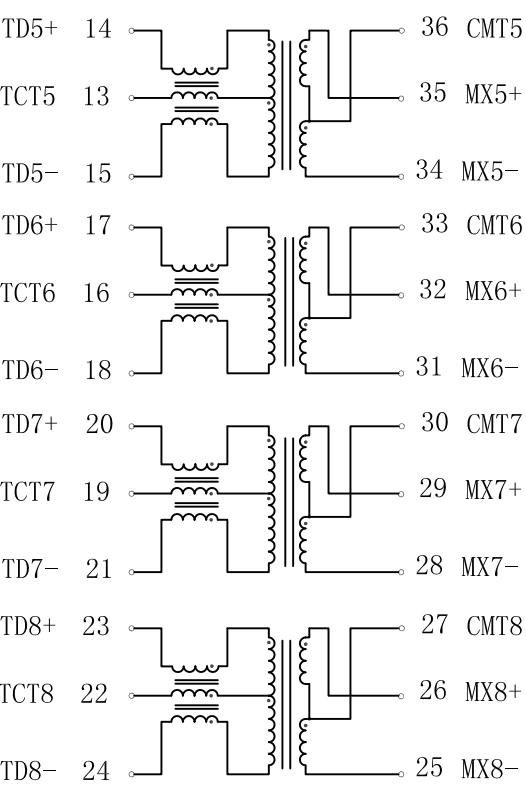
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		31/10/2007	

Port 1



Port 2



Electrical Specifications @25°C

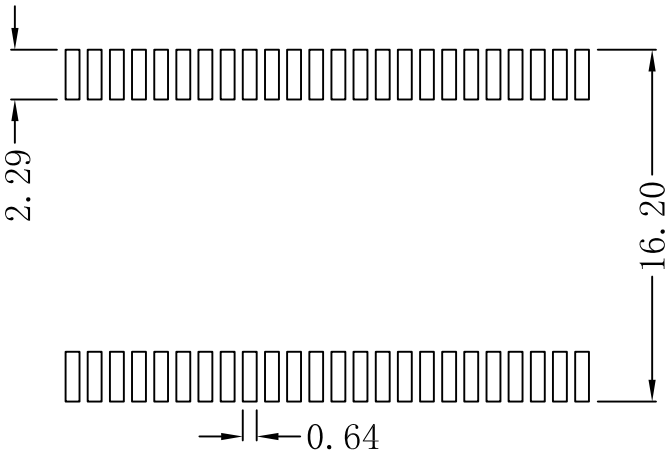
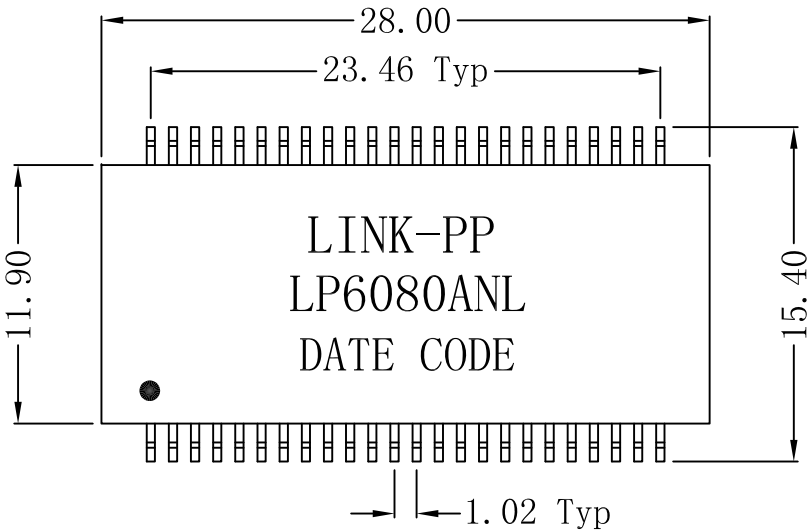
- 1.Turns Ratio:
1CT : 1CT
- 2. OCL: 350uH Min
@100KHz, 100mV, 8mADC Bias
- 3. Insertion Loss (dB MAX):
0.1MHz:-1.1 100MHz:-1.0
125MHz:-2.0
- 4. Return Loss (dB MIN):
30MHz:-18 60MHz:-12
80MHz:-12 100MHz:-10
- 5. Crosstalk (dB MIN):
30MHz:-43 60MHz:-37
100MHz:-33
- 6. PoE applications with 720mA current capability
- 7. Hipot (Vrms MIN): 1500
- 8. Operating Temperature: -40°C ~ +85°C.



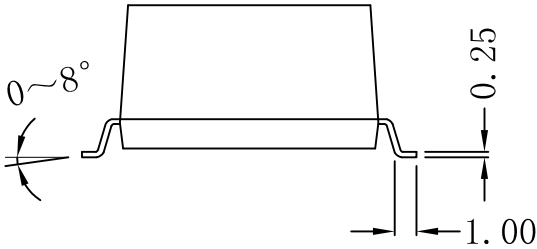
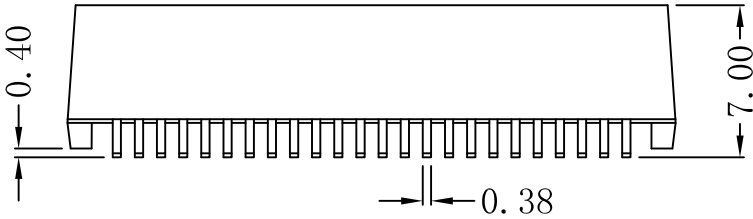
X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.25	CHKD:	TITLE: 1000 Base-T Magnetic Modules For PoE+ Application		
X:XXX	DR: TOM			
ANGLES ±1°	UNIT: mm	PART NO.: LP6080ANL		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.:

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		31/10/2007	



SUGGESTED PAD LAYOUT



NOTES:

- 1.Gigabit Transformer Modules With PoE+ compliance
- 2.Meets IEEE 802.3at specification
- 3.For RoHS part add suffix NL.
- 4.RoHS"NL" peak solder rating 250°C.



Dimensions: mm
Unless otherwise specified,all tolerances are ± 0.25

X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ± 0.25	CHKD:	TITLE: 1000 Base-T Magnetic Modules For PoE+ Application		
X:XXX	DR: TOM			
ANGLES $\pm 1^\circ$	UNIT: mm	PART NO.: LP6080ANL		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: