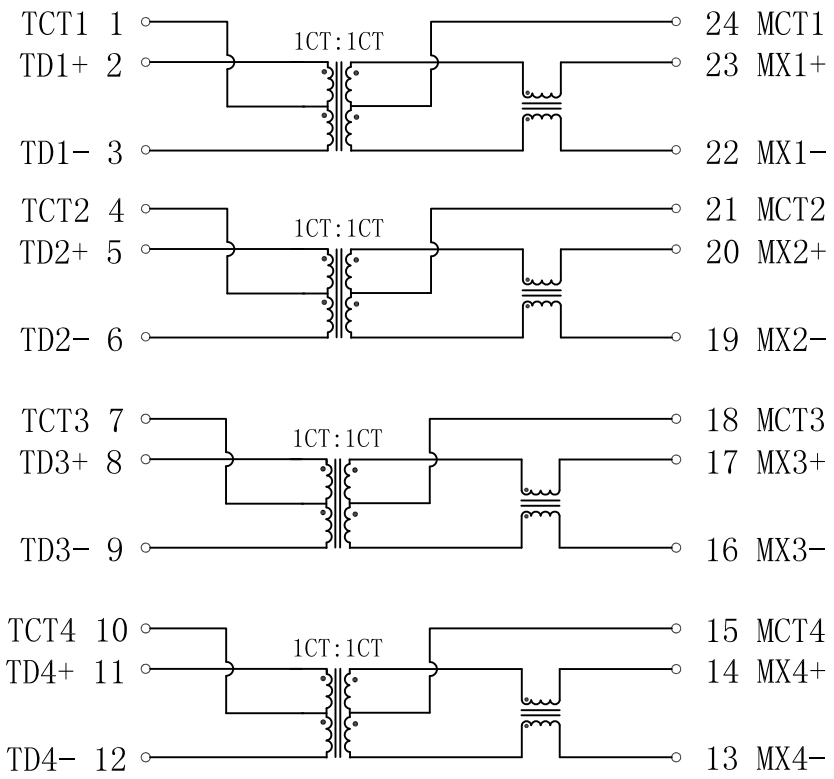
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/10/21	



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: 0℃～70℃

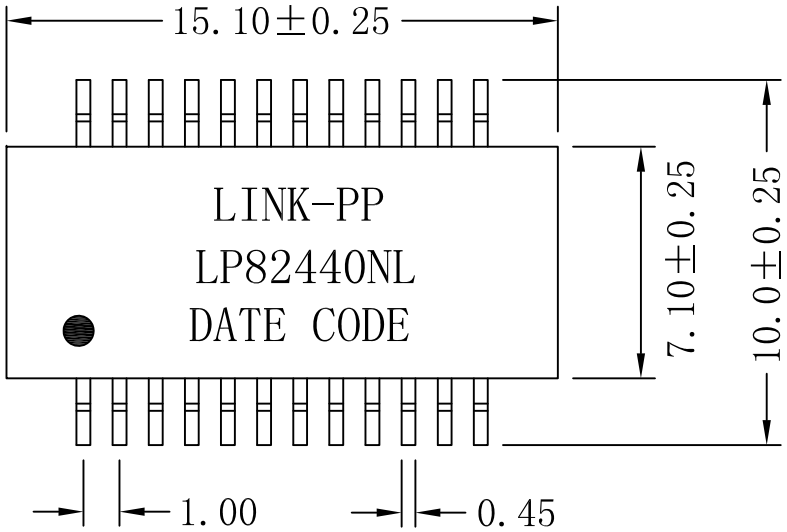
RoHS 2011/65/EU

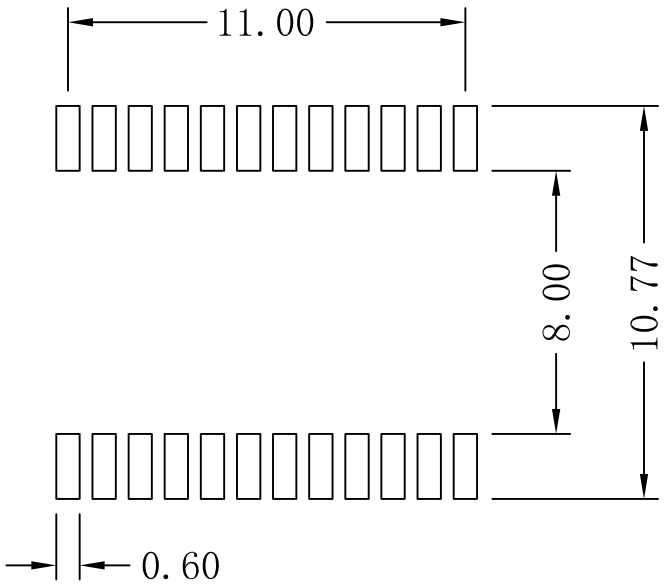
X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	±0.25	CHKD:	
X:XXX	±0.05	DR: TOM	TITLE: 1000Base-T Magnetics Modules
ANGLES	±1°	UNIT: mm	PART NO.: LP82440NL

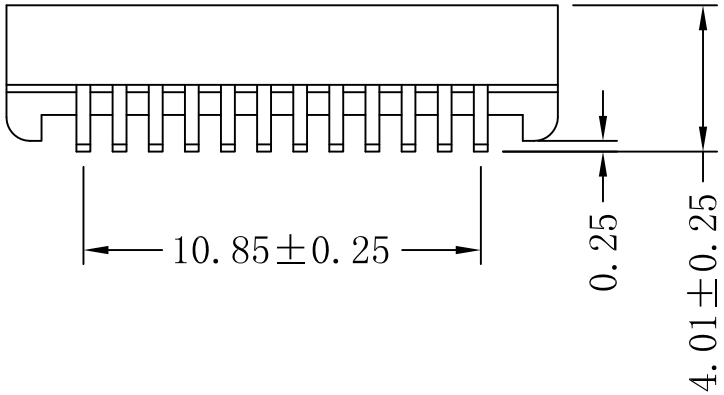
SCALE:	SHEET:	REV:	DWG NO.:
2/1	1/2	A	LP10102103

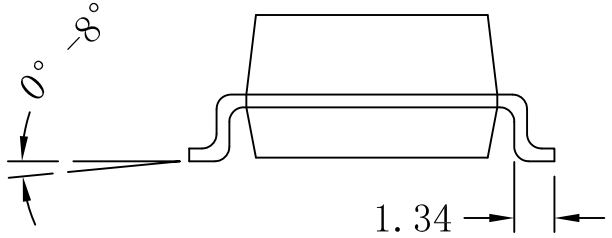
Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/10/21	









NOTES
1. Designed For Gigabit Transceivers
2. Peak Reflow Temperature Rating 250℃
3. Magnetics, Designed For Gigabit PHY Used In Backplane.
4. Compliant With IEEE 802.3ab Standard.

X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	±0.25	CHKD:	
X:XXX	±0.05	DR: TOM	TITLE: 1000Base-T Magnetics Modules
ANGLES	±1°	UNIT: mm	PART NO.: LP82440NL
	SCALE: 2/1	SHEET: 2/2	REV: A / DWG NO.: LP10102103