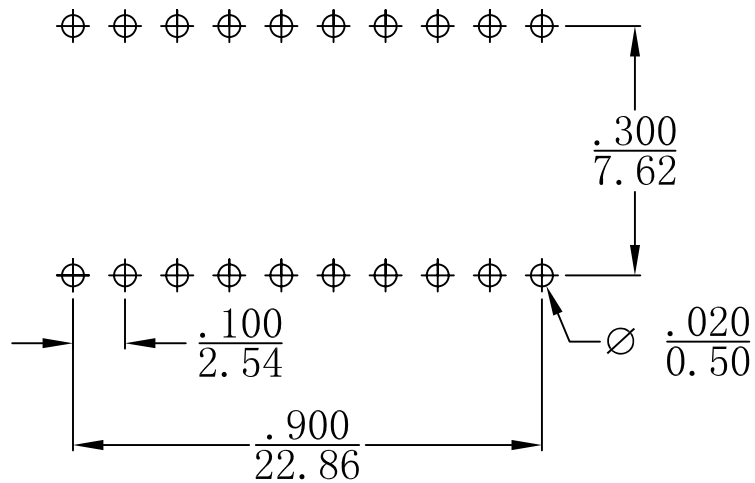
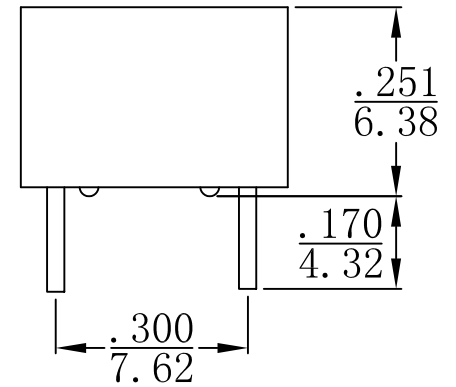
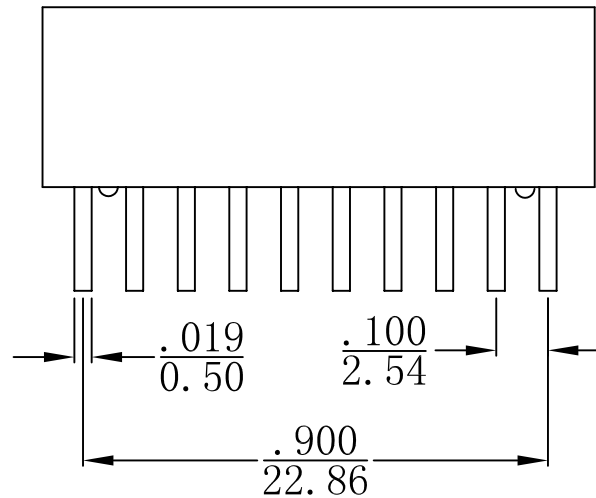
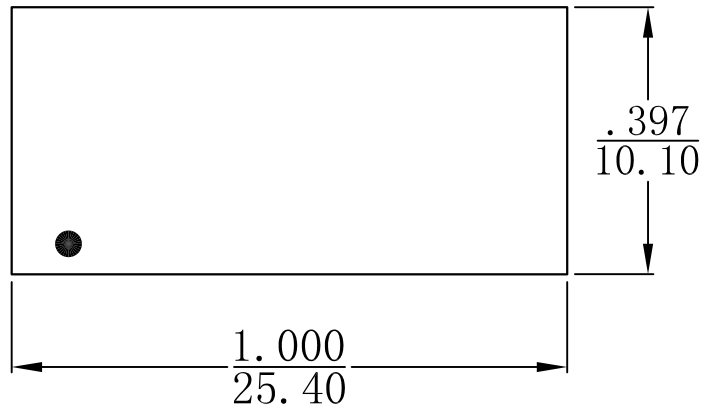


Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		27/07/2007	



SUGGESTED PAD LAYOUT

NOTES:

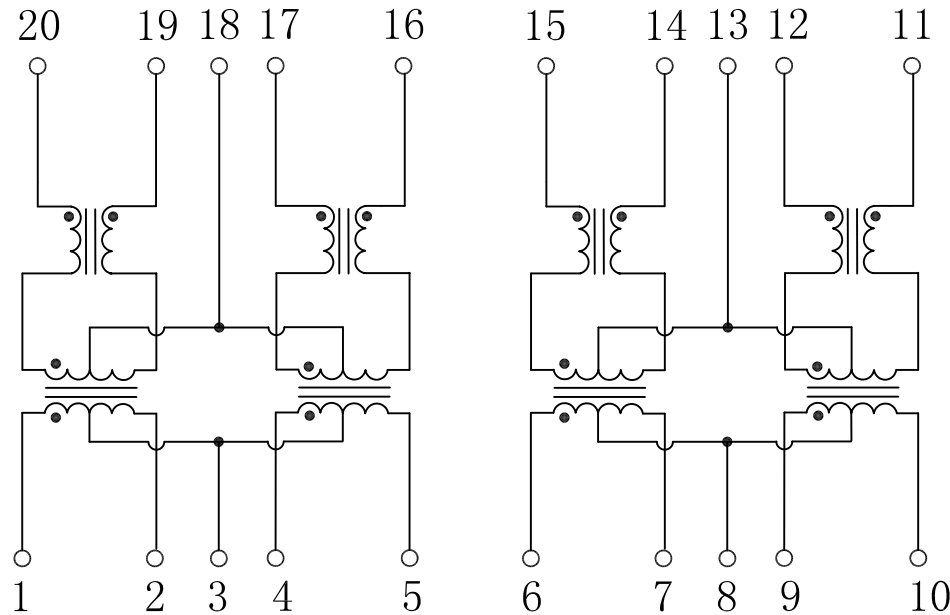
1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. With various Turns Ratios.
3. 350uH min OCL with 8mA bias current.
4. RoHS "NL" peak solder rating $255 \pm 5^\circ\text{C}$.



X:X	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	±0.10	CHKD:	
X:XXX	±0.05	DR: TOM	<i>Title:</i> 10/100Base-T Dual Port Transformer Modules
ANGLES	±1°	UNIT: Inches/mm	PART NO.: LP2064NL
	SCALE: 2/1	SHEET: 1/2	REV: A DWG NO.:

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		27/07/2007	



Electrical Specification @25°C

- Turns Ratio:
TX=1CT:1CT RX=1CT:1CT
- Insertion Loss:
1-100MHz:-1.15dB MAX
- Return Loss(dB MIN) :
1-30MHz:-18 30-60MHz:-14
60-80MHz:-12
- Crosstalk:
1-100MHz:-38dB MIN
- CMRR: 1-100MHz:-40dB TYP
- Hi-Pot: 1500Vrms @0.5mA
- Operating Temperature: 0~70°C
- Pri OCL(100KHz, 0.1V, 8mA): 350uH MIN
- Leakage Inductance(1MHz/0.1V) :
0.4uH MAX
- Cw/w(100KHz/0.1V) :56pF
- DCR:0.9Ω MAX



X:X	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.10	CHKD:	<i>Title:</i> 10/100Base-T Dual Port Transformer Modules	
X:XXX	±0.05	DR: TOM		
ANGLES	±1°	UNIT: Inches/mm	PART NO. :	LP2064NL
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO. :