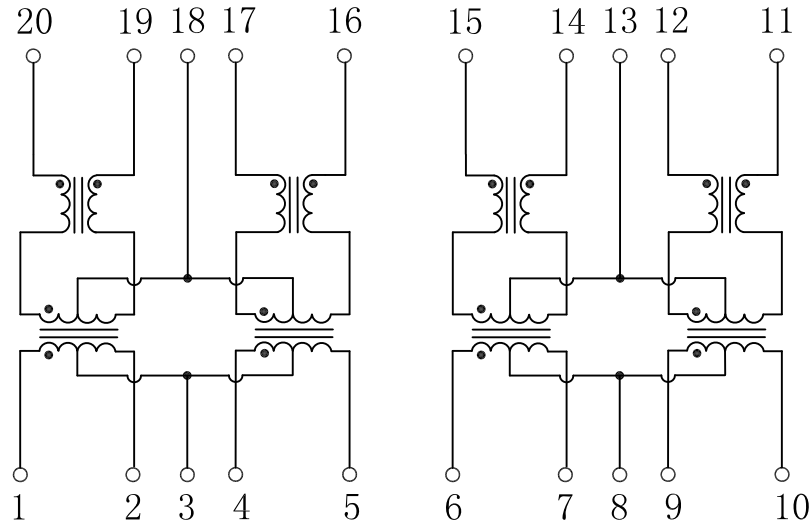


Schematic:

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



Electrical Specification @25°C

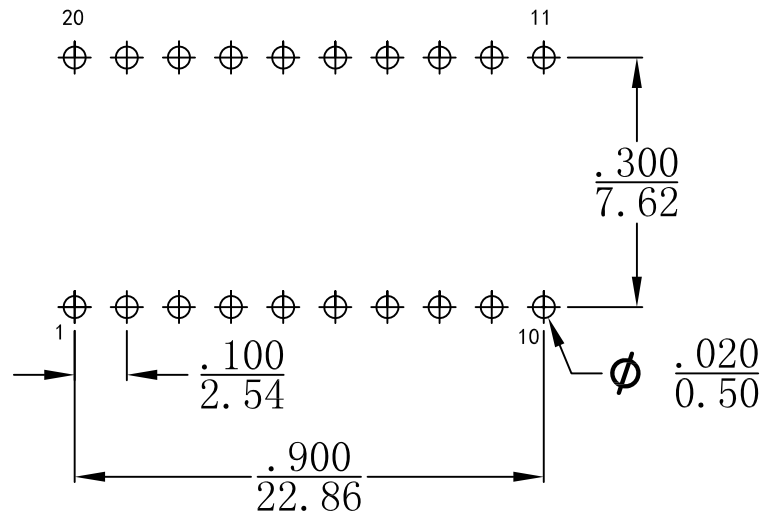
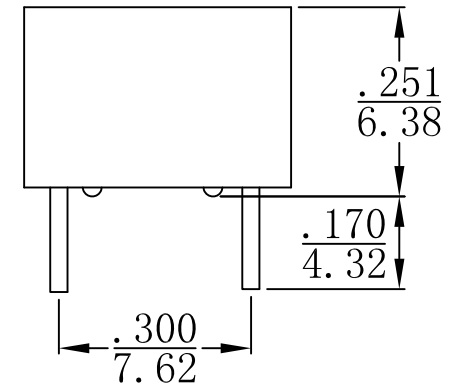
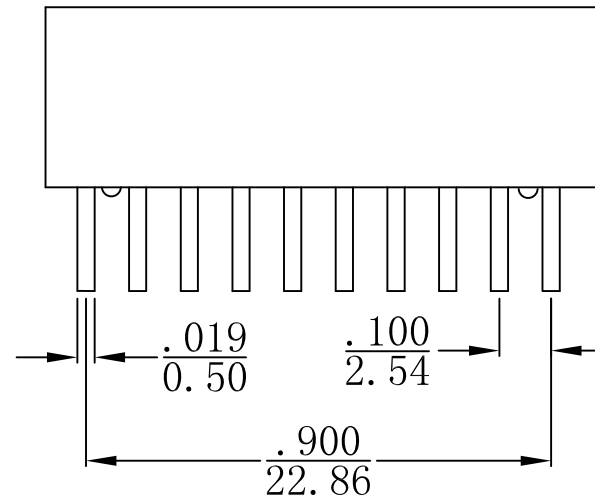
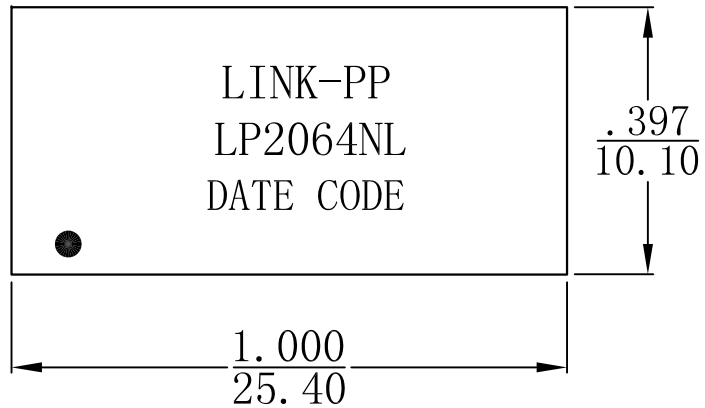
- Turns Ratio:
TX=1CT : 1CT RX=1CT : 1CT
- Pri OCL: 350uH MIN
@100KHz, 0.1V, 8mADC Bias.
- Insertion Loss:
1-100MHz:-1.15dB MAX
- Return Loss (dB MIN) :
1-30MHz:-18 30-60MHz:-14
60-80MHz:-12
- Crosstalk:
1-100MHz:-38dB MIN
- CMRR: 1-100MHz:-40dB TYP
- Hi-Pot: 1500Vrms @0.5mA
- Operating Temperature: 0°C ~70°C



X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	TITLE: 10/100Base-T Dual Port Transformer Modules	
X:XXX	±0.05	DR: TOM	PART NO.: LP2064NL	
ANGLES	±1°	UNIT: Inches/mm		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.:

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. RoHS "NL" peak solder rating 260°C.



X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	TITLE: 10/100Base-T Dual Port Transformer Modules	
X:XXX	±0.05	DR: TOM	PART NO.: LP2064NL	
ANGLES	±1°	UNIT: Inches/mm		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: