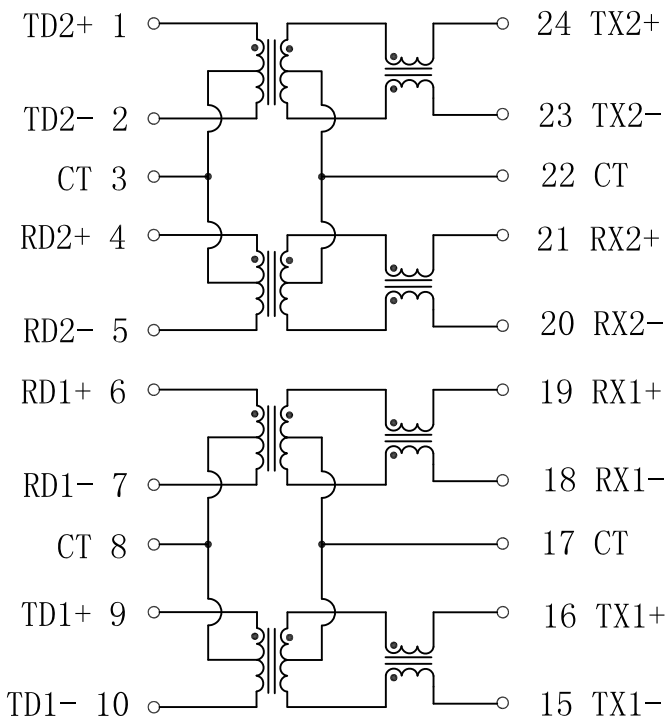
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-11-30	



ELECTRICAL SPECFICATIONS @25℃

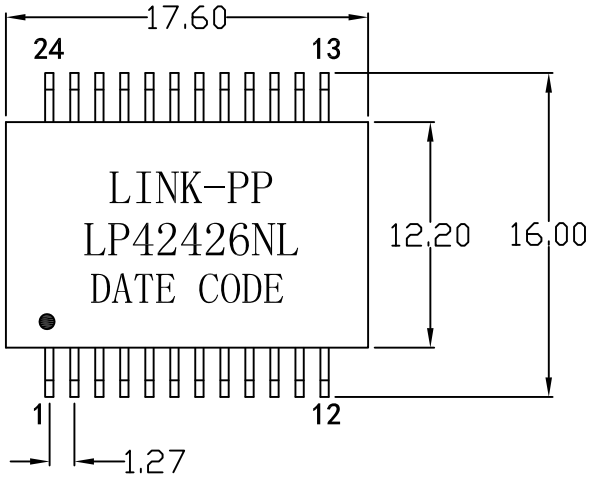
1. Turn Ratio(±3%):
   TX=1CT:1CT RX=1CT:1CT
2. Inductance OCL:
   350uH MIN @100KHz 0.1V 8mA DC Bias
3. Insertion Loss:
   -1.0dB MAX @1-100MHz
4. Return Loss:
   -16dB MIN @1-30MHz
   -14.5dB MIN @40MHz
   -14.5dB MIN @50MHz
   -12dB MIN @60-80MHz
   -10dB MIN @80-100MHz
5. Cross talk:
   -40dB TYP @30MHz
   -40dB TYP @60MHz
   -35dB TYP @100MHz
6. Differential to Common Mode:
   -42dB MIN @30MHz
   -37dB MIN @60MHz
   -33dB MIN @100MHz
8. Hipot Test: 1500Vrms
9. Operating Temperature Range: 0℃ TO 70℃

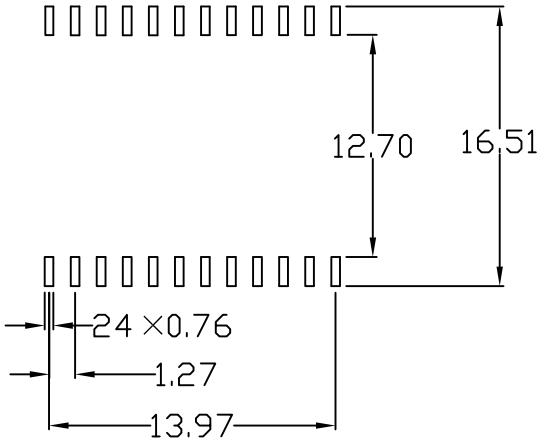
RoHS 2011/65/EU

X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO.,LIMITED	
X:XX ±0.25	CHKD:		
X:XXX	DR: TOM	TITLE: 10/100Base-T Dual Port Transformer Modules	
ANGLES ±1°	UNIT: mm	PART NO.: LP42426NL	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP15113001

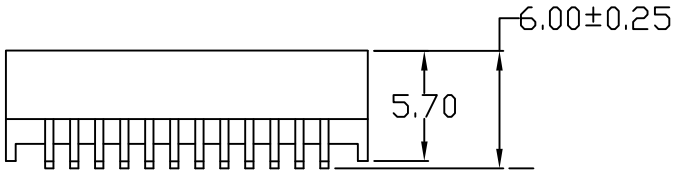
Mechanical:

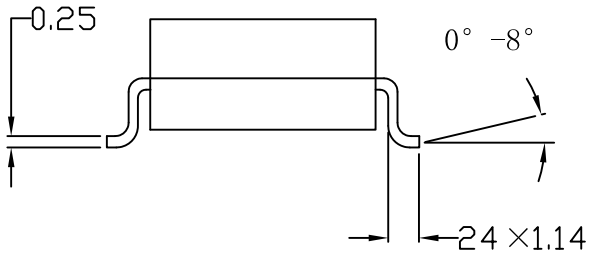
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-11-30	





SUGGESTED PAD LAYOUT





NOTES:

1. Designed to support application, such as SOHO(ADSL modems), LAN-on-Motherboard(LOM), hub and Switches.
2. Meets IEEE 802.3 specification.
3. Maximun reflow temperature is 250℃, 5 Sec.

RoHS 2011/65/EU

X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO.,LIMITED	
X:XX ±0.25	CHKD:		
X:XXX	DR: TOM	TITLE: 10/100Base-T Dual Port Transformer Modules	
ANGLES ±1°	UNIT: mm	PART NO.: LP42426NL	
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: LP15113001