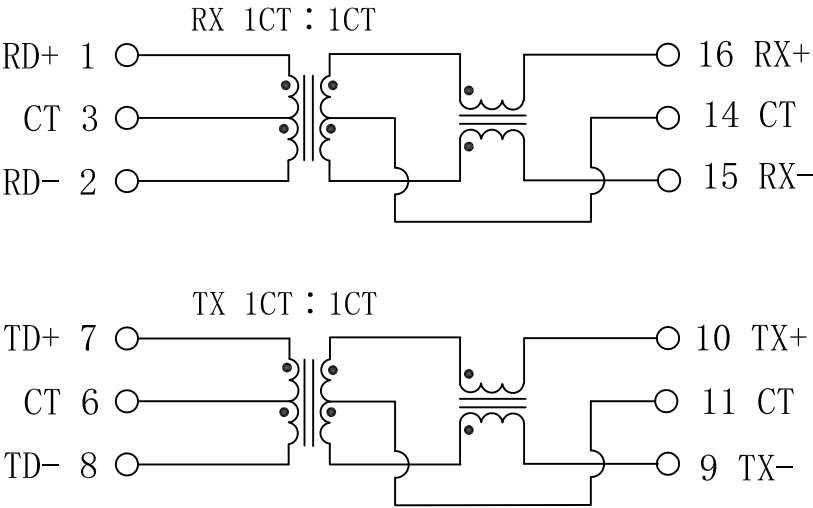


Schematic:



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2016-09-10	

Electrical Specifications @25℃

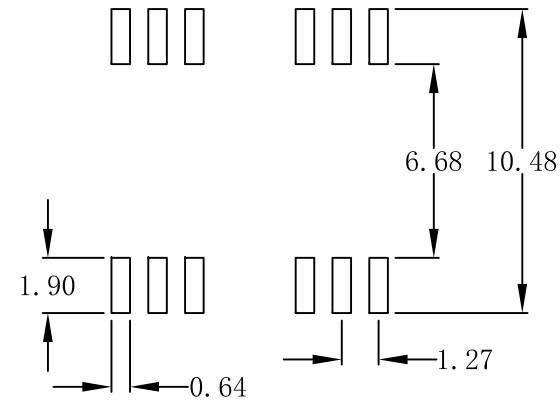
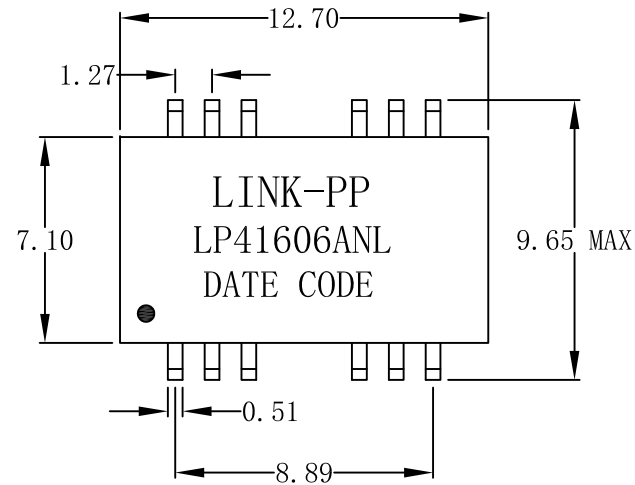
- 1.Turns Ratio($\pm 5\%$):
TX=1CT : 1CT RX=1CT : 1CT
- 2.OCL:350uH MIN @100KHz 0.1V
- 3.Insertion Loss:
0.3-100MHz:-1.1dB MAX
- 4.Return Loss(dB TYP):
30MHz:-20 60MHz:-14
80MHz:-11.5
- 5.Crosstalk(dB TYP):
30MHz:-45 60MHz:-40
100MHz:-35
- 6.Common Mode Rejection(dB TYP):
30MHz:-42 50MHz:-37
100MHz:-33
- 7.Hipot: 1500Vrms.
- 8.Operating Temperature: -40℃~+85℃.



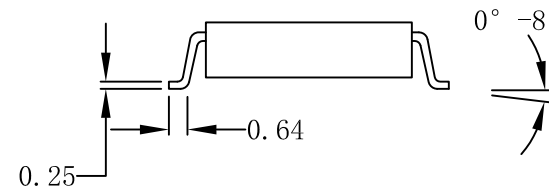
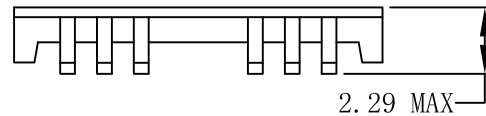
X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ± 0.25	CHKD:	TITLE: 10/100Base-T Single Port Transformer Modules		
X:XXX	DR: TOM	PART NO. : LP41606ANL		
ANGLES $\pm 1^\circ$	UNIT: mm			
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO. : LP16091029

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2016-09-10	

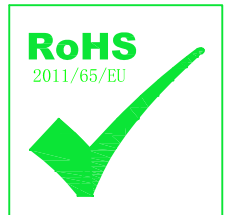


SUGGESTED PAD LAYOUT



NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. The part is RoHS compliant.
3. Meets IEEE 802.3 specification.
4. Maximum reflow temperature is 250°C, 5 Sec.
5. UL Certification: File Number E484635.



X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.25	CHKD:	TITLE: 10/100Base-T Single Port Transformer Modules		
X:XXX	DR: TOM	PART NO.: LP41606ANL		
ANGLES ±1°	UNIT: mm	DWG NO.: LP16091029		
	SCALE: 2/1	SHEET: 2/2	REV: A	