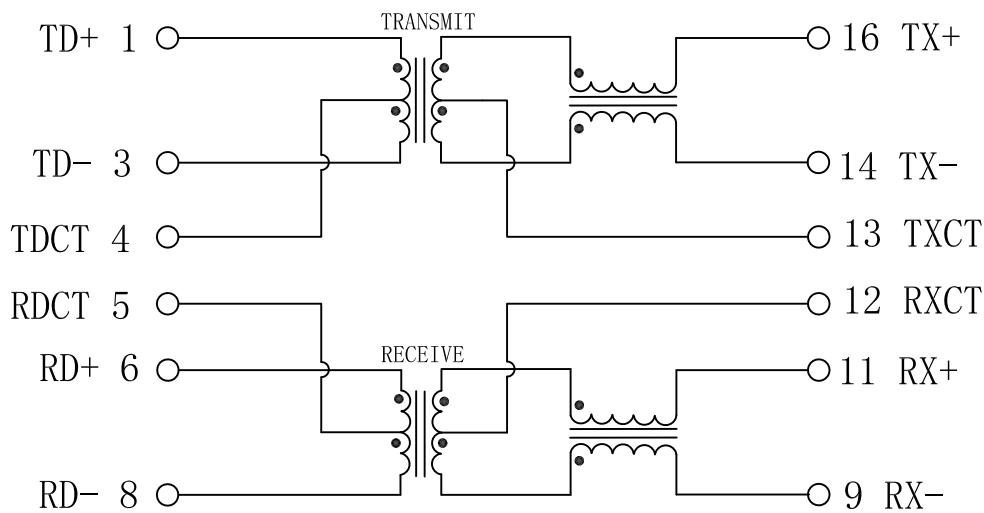


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010-03-31	



Electrical Specification @25°C

1. OCL: 350uH MIN
@100KHz, 0.1V with 8mA DC Bias
2. Turns Ratio:
TX=1CT:1CT RX=1CT:1CT
3. Insertion Loss:
0.3-100MHz:-1.2dB MAX
4. Return Loss (dB MIN):
1-30MHz:-16 30-60MHz:-14
60-80MHz:-12
5. Crosstalk (dB MIN):
0.3-60MHz:-45 60-100MHz:-35
6. DCMR (dB MIN):
30MHz:-40 60MHz:-35
100MHz:-30
7. Hipot: 1500Vrms
8. Operating Temperature: 0°C ~ 70°C.

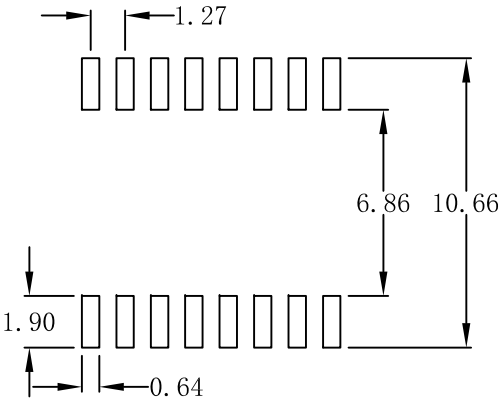
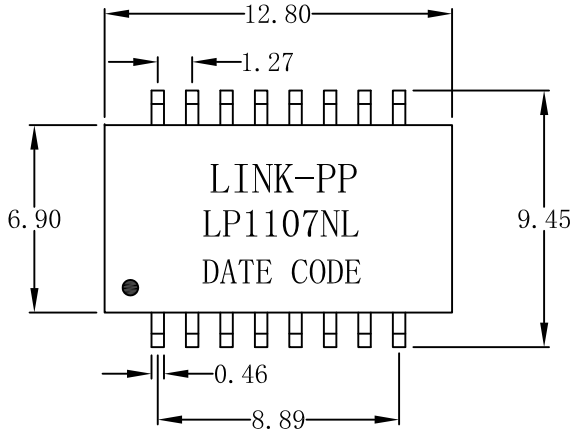
RoHS
2011/65/EU



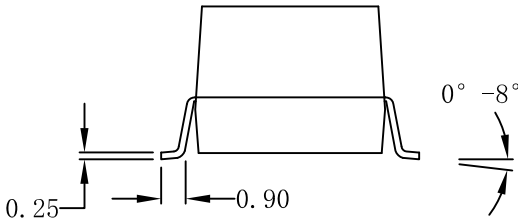
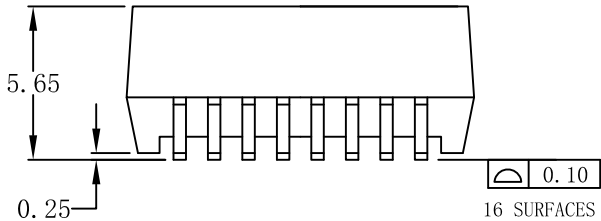
X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.25	CHKD:			
X:XXX	DR: TOM	TITLE: 10/100Base-T Single Port Transformer Modules		
ANGLES ±1°	UNIT: mm	PART NO.: LP1107NL		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP10033110

Mechanical :

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010-03-31	



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°C,5 Sec.
- 4.UL certification: file number E484635.

Dimensions: mm
Unless otherwise specified,all tolerances are ± 0.25

X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ± 0.25	CHKD:			
X:XXX	DR: TOM	TITLE: 10/100Base-T Single Port Transformer Modules		
ANGLES $\pm 1^\circ$	UNIT: mm	PART NO.: LP1107NL		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: LP10033110