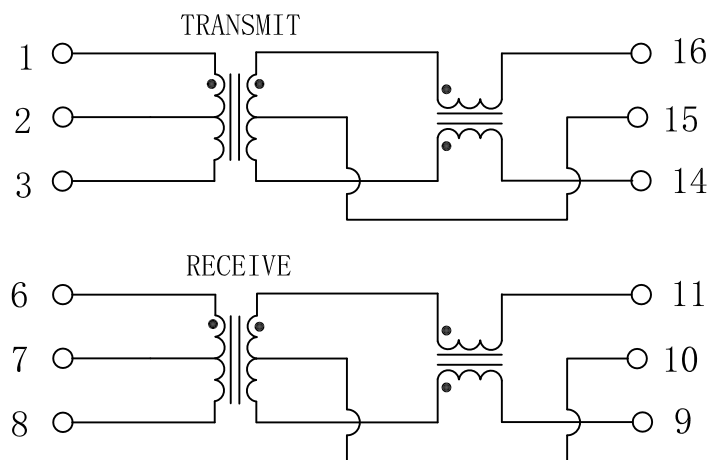


Schematic:



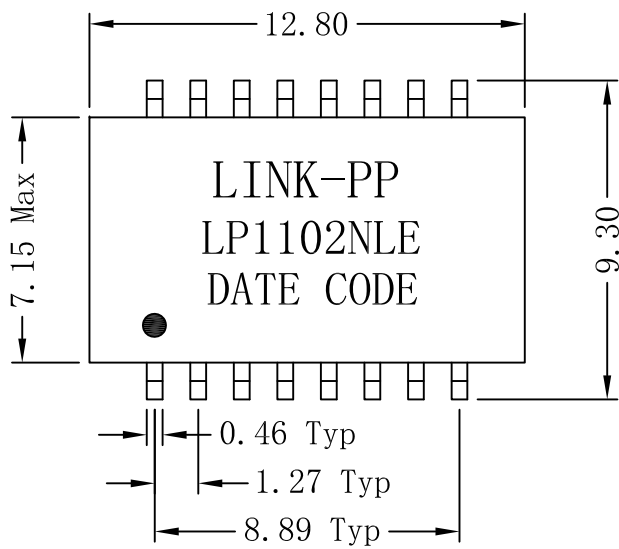
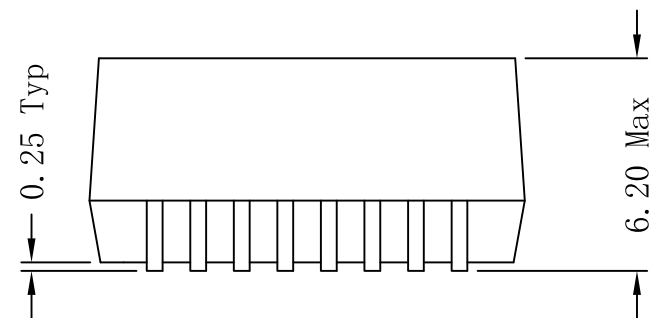
Electrical Specifications @25°C

1. OCL: 350uH MIN
@100KHz, 0.1Vrms, 8mADC Bias
2. Turns Ratio:
TX=1CT : 1CT RX=1CT : 1CT
3. Insertion Loss:
0.1-100MHz:-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. DCMR(dB TYP):
30MHz:-42 50MHz:-37
100MHz:-33
7. Hipot: 1500Vrms MIN
8. Operating Temperature: 0°C~70°C.



X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX ±0.25	CHKD:	TITLE: 10/100 Base-T Single Port Transformer Modules	
X:XXX	DR: TOM		
ANGLES ±1°	UNIT: mm	PART NO.: LP1102NLE	
	SCALE: 2/1	SHEET: 1/2	REV: A DWG NO.: LP10011907

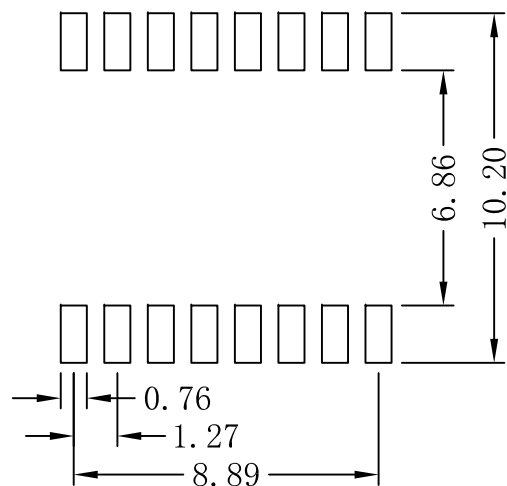
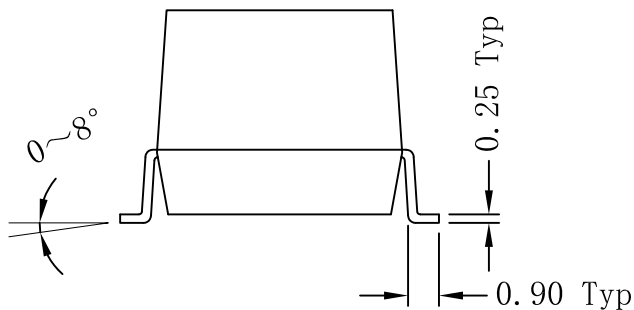
Mechanical:



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 245°C,5 Sec.
- 4.UL certification: file number E484635.

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		19/01/2010	



SUGGESTED PAD LAYOUT

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:	TITLE: 10/100 Base-T Single Port Transformer Modules		
X:XXX	DR: TOM			
ANGLES $\pm 1^\circ$	UNIT: mm	PART NO.: LP1102NLE		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: LP10011907