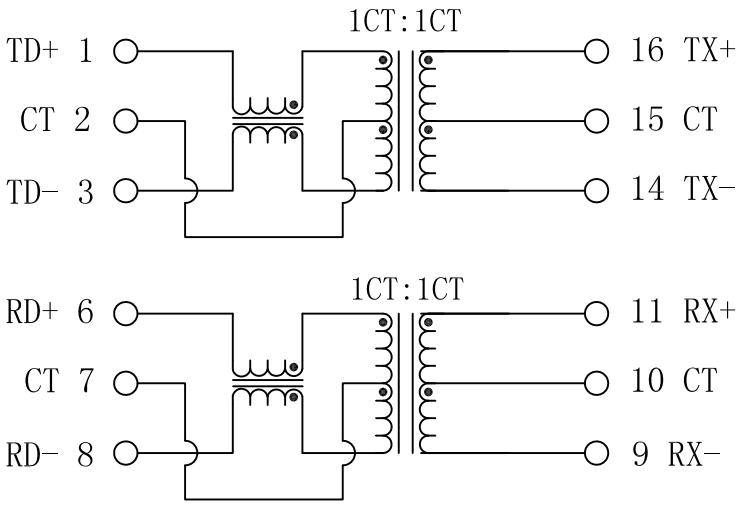
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2009/07/27	



Electrical Specification @25℃

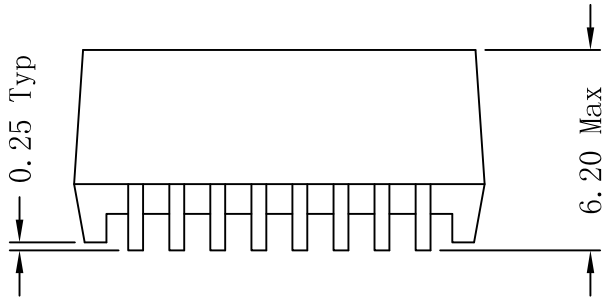
1. OCL: 350uH Min
   @100KHz, 0.2V, With 8mA DC BIAS
2. Turns Ratio(±5%):
   TX=1CT:1CT RX=1CT:1CT
3. Insertion Loss:
   0.3-100MHz:-1.1dB Max
4. Return Loss(dB Min):
   0.3-30MHz:-18 40MHz:-16
   50MHz:-14.5 60-80MHz:-12
5. Crosstalk(dB Min):
   0.3-60MHz:-42 60-100MHz:-35
6. Common Mode Rejection(dB Min):
   0.3-30MHz:-40 60MHz:-35
   80-100MHz:-30
7. Isolation Voltage: 1500Vrms
8. Operating Temperature: -40℃～+85℃.

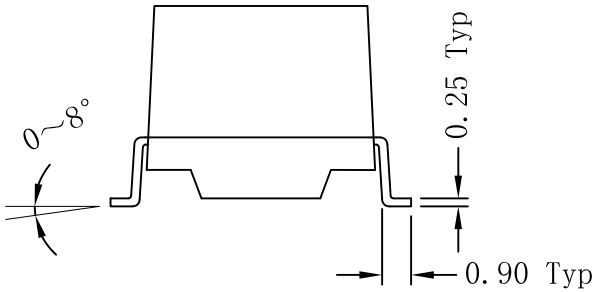
RoHS 2011/65/EU

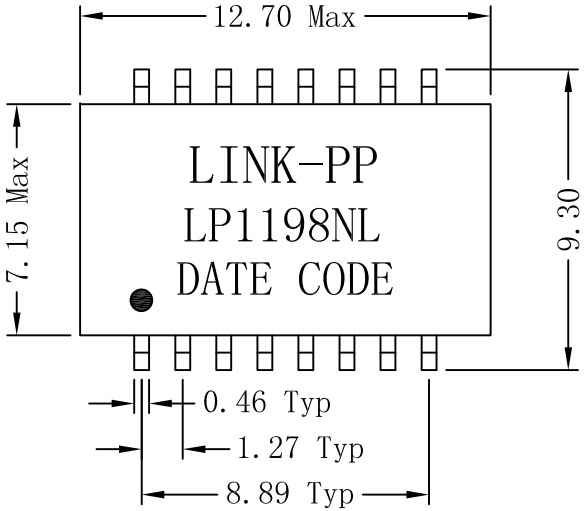
X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	CHKD:	
X:XXX	DR: TOM	TITLE: 10/100Base-T Single Port Transformer Modules
ANGLES ±1°	UNIT: mm	PART NO.: LP1198NL
	SCALE: 2/1 / SHEET: 1/2 / REV: A	DWG NO.: LP09072707

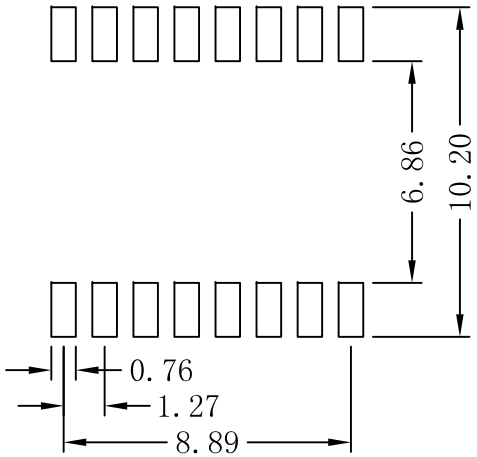
Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2009/07/27	









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 250℃.

RoHS 2011/65/EU

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

X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	CHKD:	
X:XXX	DR: TOM	TITLE: 10/100Base-T Single Port Transformer Modules
ANGLES ±1°	UNIT: mm	PART NO.: LP1198NL
	SCALE: 2/1 / SHEET: 2/2 / REV: A	DWG NO.: LP09072707