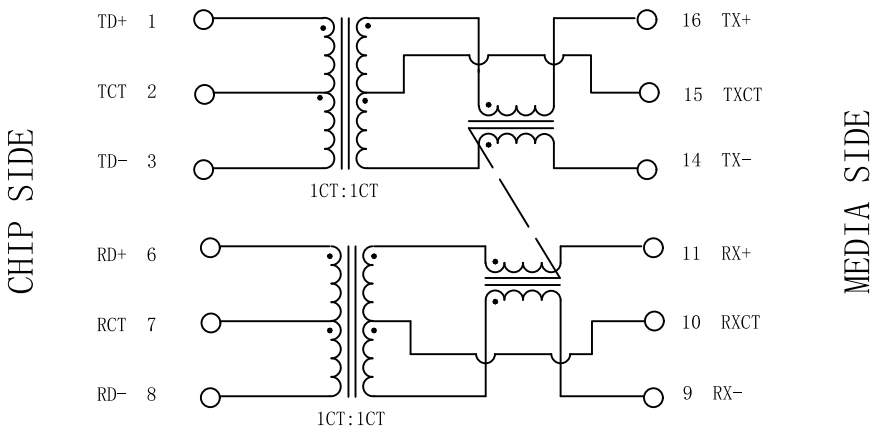
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
B	REL		2017/06/29	



Electrical Specifications @25℃

1. OCL: 350uH MIN
   @100KHz, 100mV, 8mADC
2. Turns Ratio:
   TX=1CT:1CT RX=1CT:1CT
3. Insertion Loss:
   0.1-100MHz:-1.4dB MAX
4. Return Loss(dB MIN):
   1-30MHz:-16 40MHz: -14
   50MHz:-13 60-80MHz:-12
5. Crosstalk(dB MIN):
   30MHz:-45 60MHz:-40
   100MHz:-35
6. DCMR(dB MIN):
   30MHz:-43 60MHz:-37
   100MHz:-33
7. Isolation Voltage: 1500Vrms MIN
8. Operating Temperature: -40℃～+85℃.

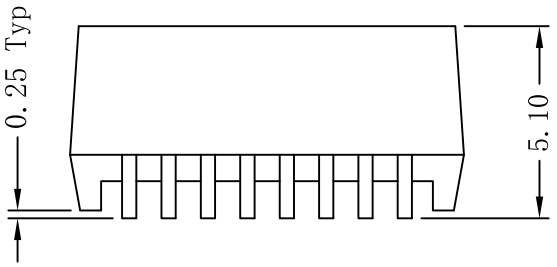
RoHS 2011/65/EU

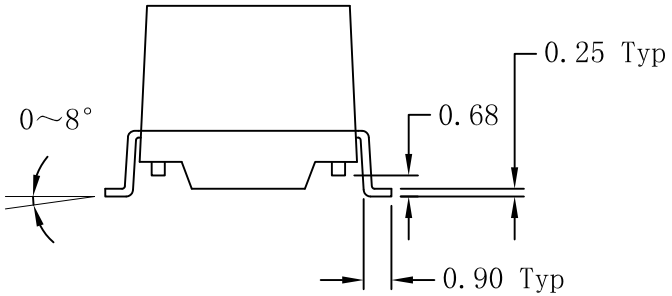
X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX ±0.25	CHKD:		
X:XXX	DR: James	TITLE: 10/100Base-TX VoIP Magnetics Modules For PoE+ Application	
ANGLES ±1°	UNIT: mm	PART NO.: LP2019ANL	
	SCALE: 2/1	SHEET: 1/2	REV: B
			DWG NO.: LP17062922

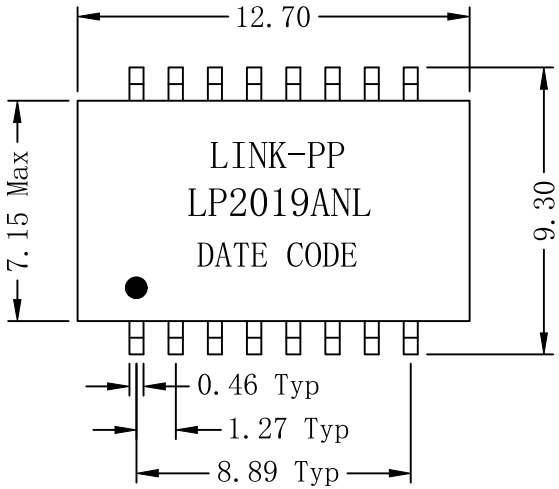
LINK-PP Website:http//www.link-pp.com Email: info@link-pp.com Tel: +86-0752-3322916 Fax: +86-0752-3161926

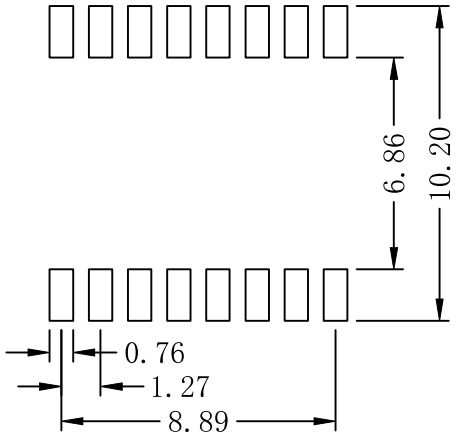
Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
B	REL		2017/06/29	









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. 720mA current capability
4. Maximun reflow temperature is 250℃, 5 Sec.
5. 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: James	TITLE: 10/100Base-TX VoIP Magnetics Modules For PoE+ Application	
ANGLES ±1°	UNIT: mm	PART NO.: LP2019ANL	
	SCALE: 2/1	SHEET: 2/2	REV: B
		DWG NO.: LP17062922	

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