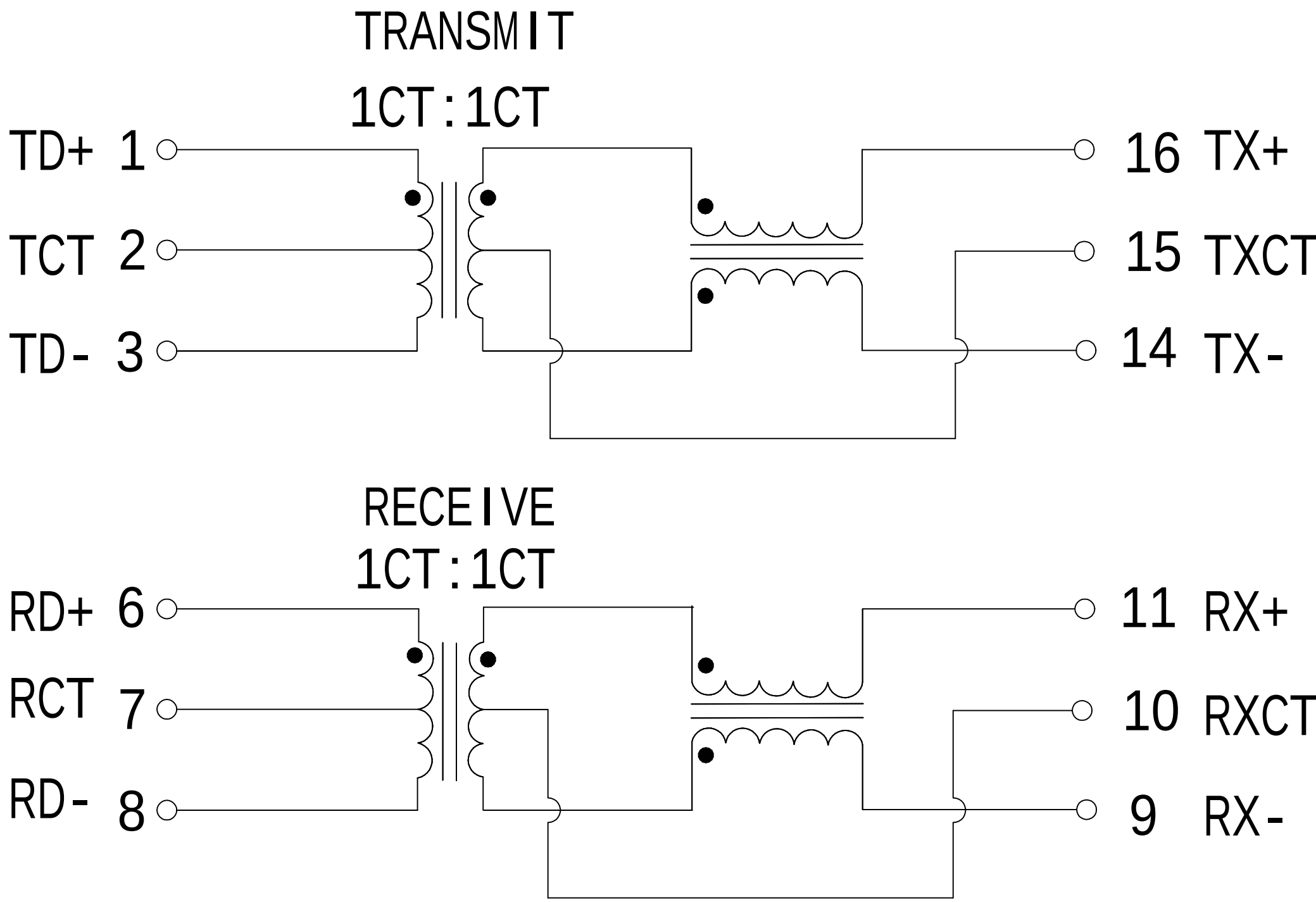


Schematic:



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL	H 5.00	2019-01-19	
B6	REL	H 5.70	2023-02-19	

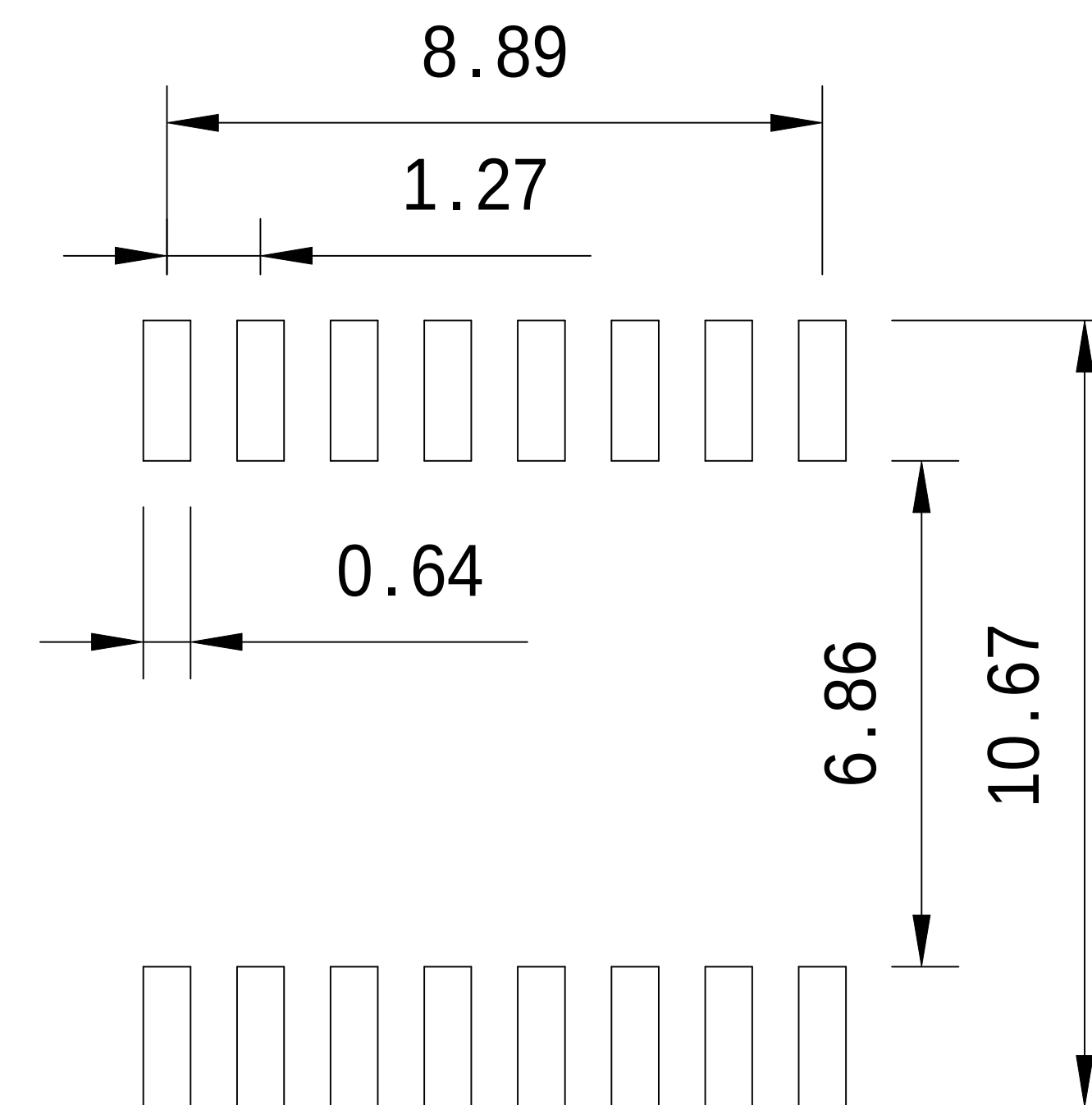
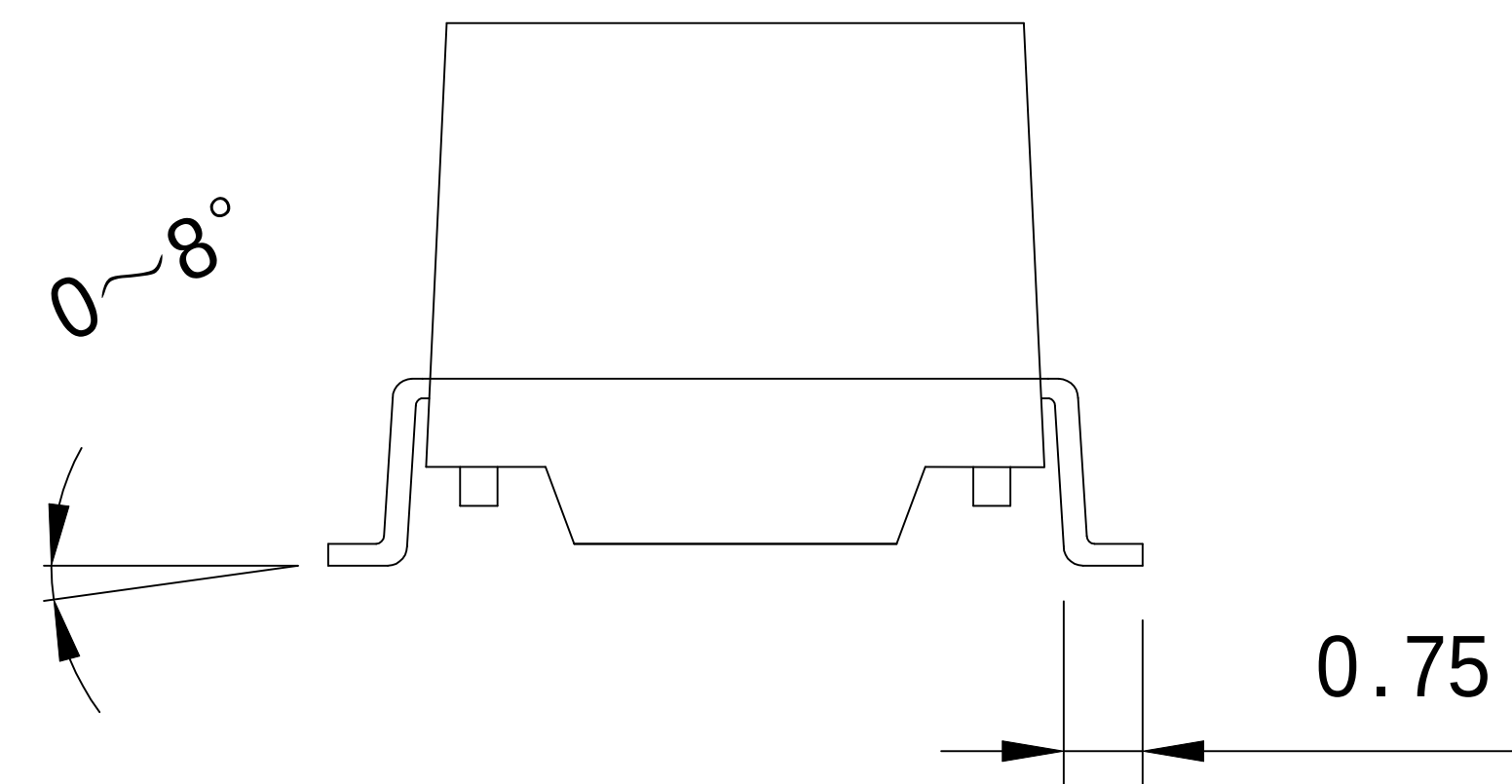
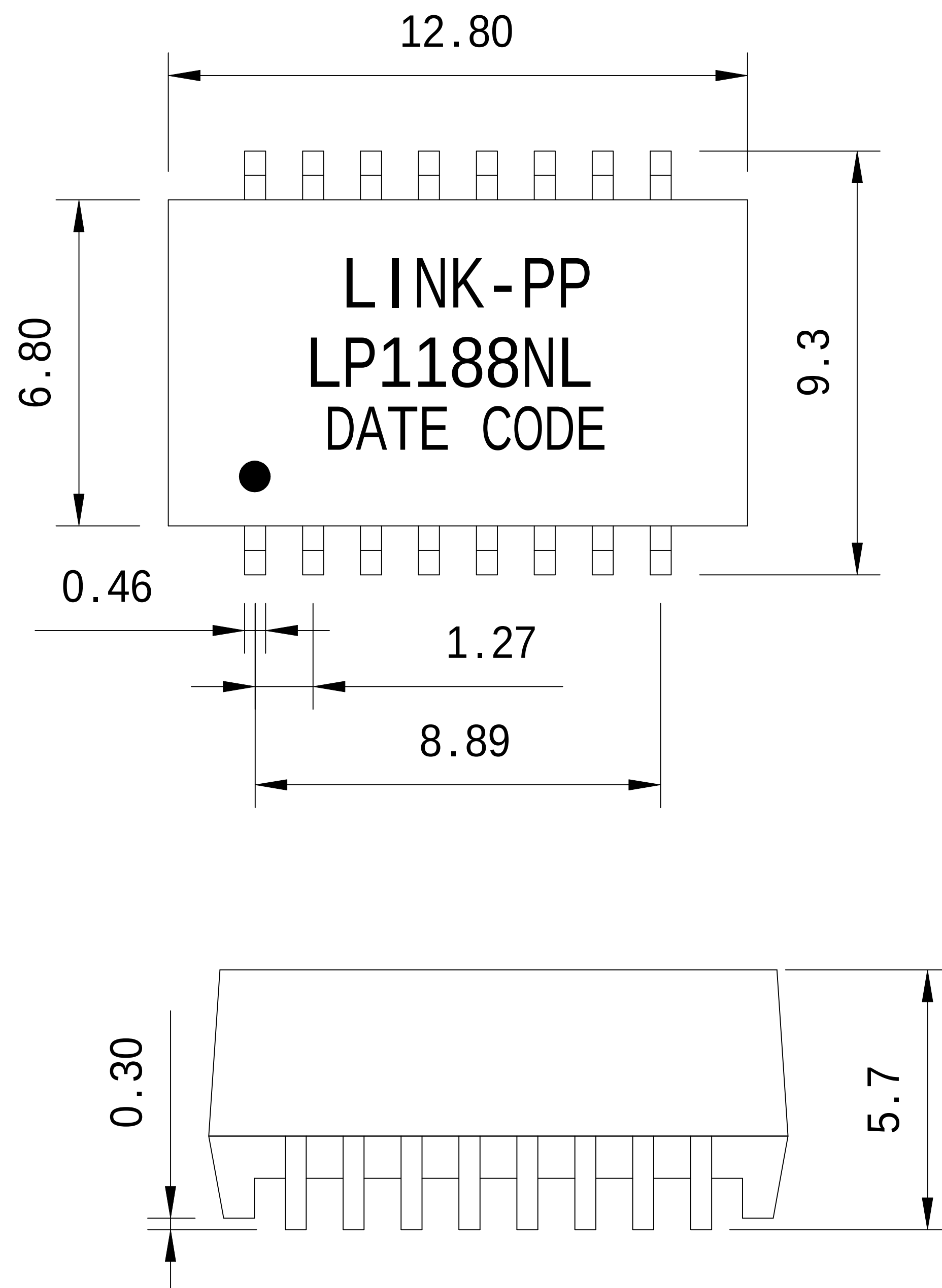
Electrical Specifications @25℃

- 1.Turns Ratio ($\pm 3\%$) :
TX=1CT : 1CT RX=1CT : 1CT
- 2.OCL: 350uH Min
@100KHz, 0.1Vrms, 8mADC Bias
- 3.LK: 0.5uH Max @100KHz 0.1V.
- 4.Cww: 28pF Max @100KHz 0.1V.
- 5.DCR: 1.2 Ω Max
- 6.Insertion Loss:
0.1-100MHz: -1.1dB Max
- 7.Return Loss(dB Typ):
30MHz: -20 60MHz: -14
80MHz: -11.5
- 8.Crosstalk(dB Typ):
30MHz: -45 60MHz: -40
100MHz: -35
- 9.DCMR(dB Typ):
30MHz: -42 50MHz: -37
100MHz: -33
- 10.CMRR(dB Typ):
1-100MHz: -30
- 11.Hipot: 1500Vrms Min
- 12.Operating Temperature: -40℃ ~ +85℃.



X:X	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.25	CHKD: JAMES	TITLE: 10/100 Base-T Single Port Transformer Modules		
X:XXX	DR: LEO			
ANGLES ±1°	UNIT: mm	PART NO.: LP1188NL		
	SCALE: 2/1	SHEET: 1/2	REV: B6	DWG NO.: LP23021930

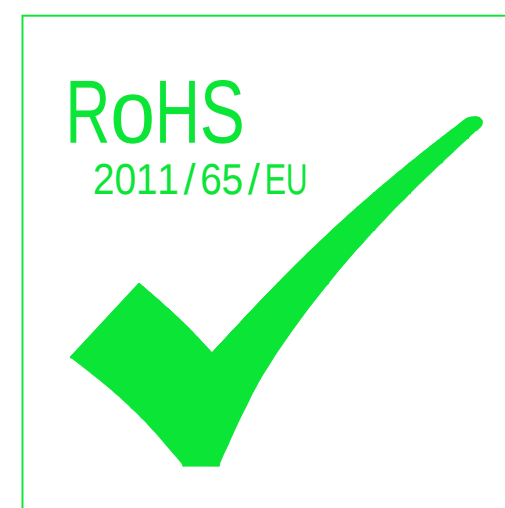
Mechanical:



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.



X:X	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX ±0.25	CHKD: JAMES	
X:XXX	DR: LEO	
ANGLES ±1°	UNIT: mm	TITLE: 10/100 Base-T Single Port Transformer Modules
		PART NO.: LP1188NL
	SCALE: 2/1	SHEET: 2/2
		REV: B6
		DWG NO.: LP23021930

LINK-PP

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