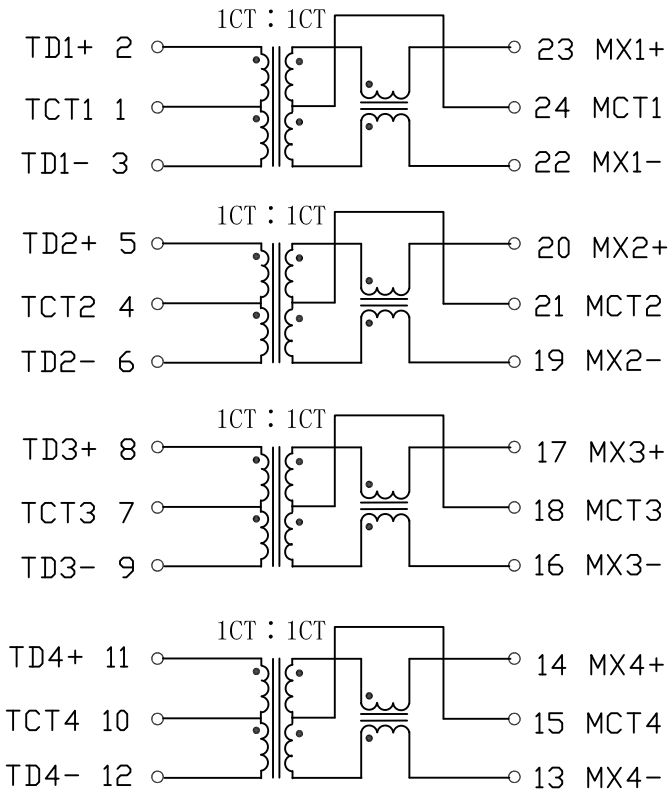
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2021/01/28	



Electrical Specifications @25℃

1. Turns Ratio:
   1CT：1CT ±5%
2. OCL: 200uH Min@100KHz,100mV
3. Insertion Loss:
   1-120MHz:-1.2dB MAX
4. Return Loss(dB MIN @100Ω):
   1-40MHz:-18 40MHz-200MHz:-10
5. Crosstalk(dB MIN):
   1MHz-200MHz:30
6. DCMR(dB MIN):
   1-10 MHZ -48dB Min.
   10-20MHZ -(48-20LOG(f/10))dB Min.
   20-125MHZ -(42-15LOG(f/20))dB Min.
7. Hipot: 1500Vrms MIN
8. Operating Temperature:-40℃～+85℃.

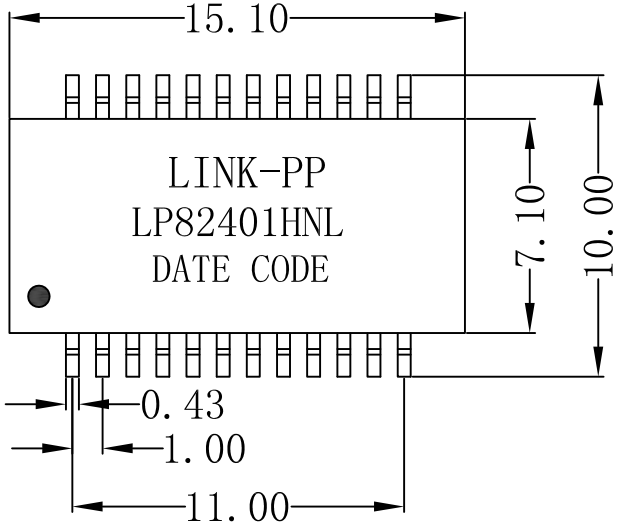
RoHS 2011/65/EU

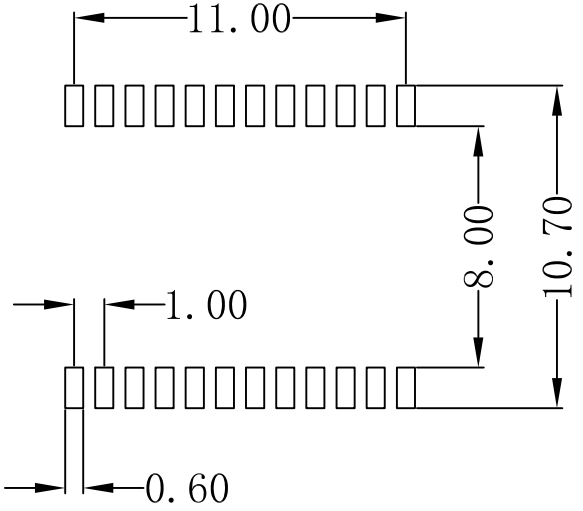
X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	±0.25	CHKD:	TITLE: 2.5G Base-T Magnetics Modules
X:XXX	±0.05	DR: Peter	
ANGLES	±1°	UNIT: mm	PART NO.: LP82401HNL

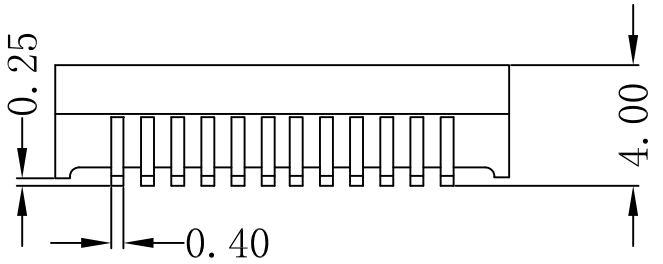
SCALE:	SHEET:	REV:	DWG NO.:
2/1	1/2	A	LP21012801

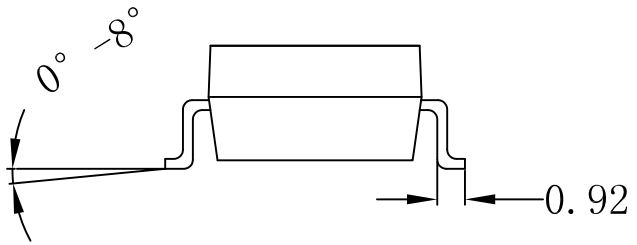
Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2021/01/28	









NOTES:
1. Designed for 2.5gigabit transceivers
2. IEEE 802.3bz/ANSI ×3.263 compliant performance.
3. Maximun reflow temperature is 250℃, 5 Sec.
4. Magnetics, designed for 2.5gigabit phy used in backplane
5. For RoHS part add suffix NL
6. UL Certification: File Number E484635.

X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	±0.25	CHKD:	
X:XXX	±0.05	DR: Peter	TITLE: 2.5G Base-T Magnetics Modules
ANGLES	±1°	UNIT: mm	PART NO.: LP82401HNL

SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: LP21012801	