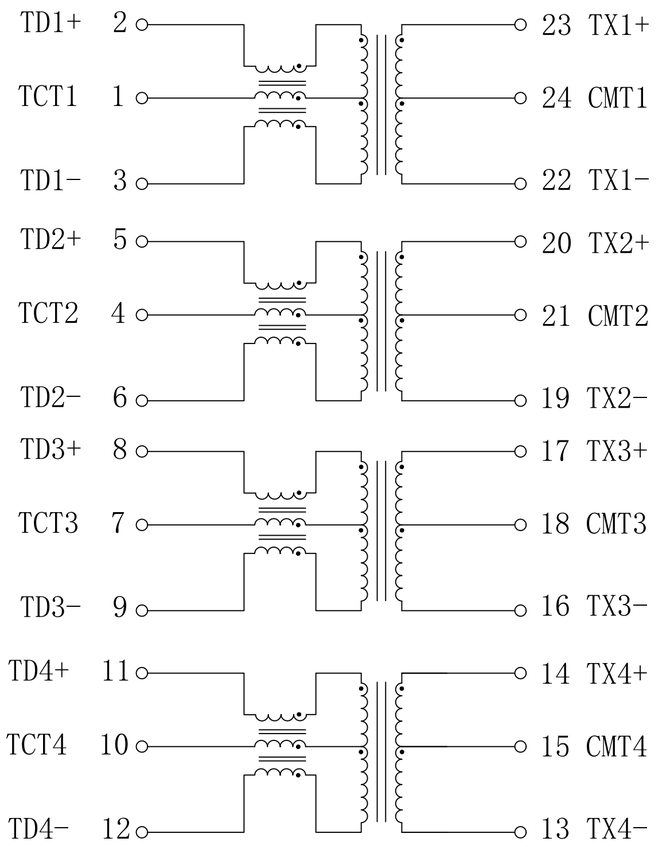
# Schematic:

| REV. | ECN NO. | DESCRIPTION | DATE | APPD |
|---|---|---|---|---|
| A | REL | | 2021/05/11 | |




Electrical Specification @25℃

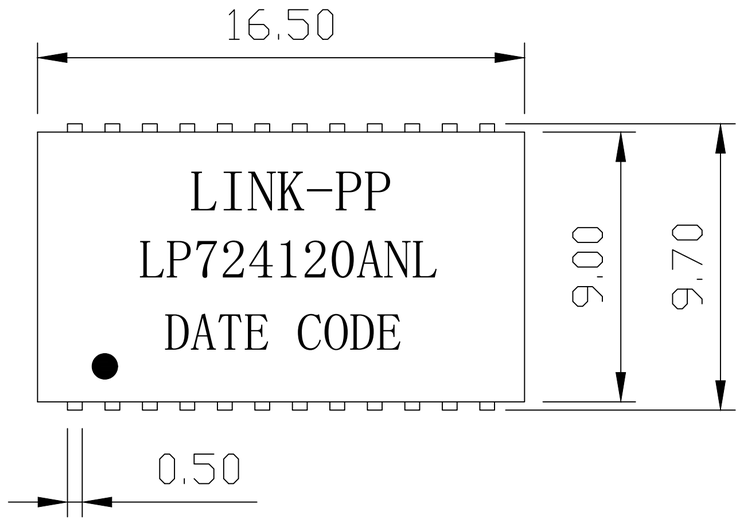
1. Turns Ratio: 1CT：1CT ±5%
2. Inductance(OCL):
   120uH Min @100KHz,100mV
3. Insertion Loss:
   1-100MHz:-1.0dB Max 100-250MHz:-2.0dB Max
4. Return Loss:
   30MHz:-16dB Min 125MHz:-11dB Min
   150MHz:-8dB Min 250MHz:-8dB Min
5. Crosstalk:
   1-100MHz:-40dB Min
   100-250MHz:-30dB Min
6. Common Mode Rejection Ratio:
   1-250MHz:-30dB Min
7. Balance DC Line current:
   600mA MAX,@57VDC Continuous
8. Hipot: 1500Vrms
9. Operating Temperature: -40℃～+85℃.

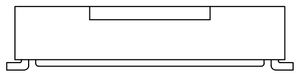
RoHS 2011/65/EU

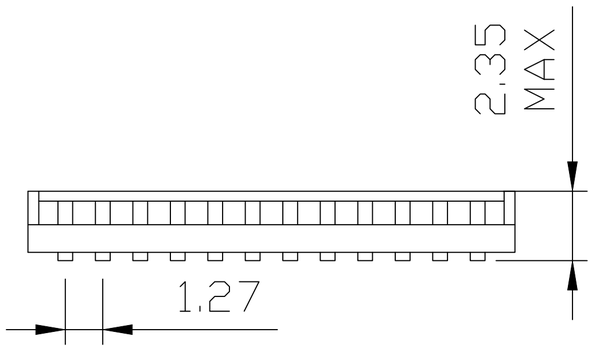
| | | | | |
|---|---|---|---|---|
| X:X | ±0.30 | APPD: TOM | LINK-PP INT'L TECHNOLOGY CO., LIMITED | |
| X:XX | ±0.25 | CHKD: JAMES | | |
| X:XXX | ±0.05 | DR: LEO | TITLE: 5G Base-T Magnetics Modules For POE+ Application | |
| ANGLES | ±1° | UNIT: mm | PART NO.: LP724120ANL | |
| | | SCALE: 2/1 | SHEET: 1/2 | REV: A / DWG NO.: LP21051132 |

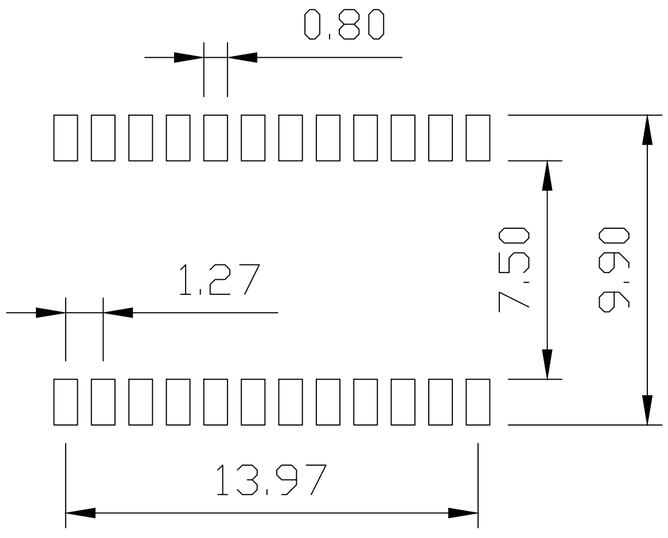
# Mechanical:

| REV. | ECN NO. | DESCRIPTION | DATE | APPD |
|---|---|---|---|---|
| A | REL | | 2021/05/11 | |






SUGGESTED PAD LAYOUT

NOTES:
1. Designed to Support 5G Base-T Transceivers
2. Compliant with IEEE 802.3at standard
3. Low profile Surface Mount Packaging designed for Hi-Temp Reflow Process(260℃ peak 3-5Sec)
4. UL Certification: File Number E484635.

RoHS 2011/65/EU

| | | | |
|---|---|---|---|
| X:X | APPD: TOM | LINK-PP INT'L TECHNOLOGY CO., LIMITED | |
| X:XX ±0.25 | CHKD: JAMES | | |
| X:XXX | DR: LEO | TITLE: 5G Base-T Magnetics Modules For POE+ Application | |
| ANGLES ±1° | UNIT: mm | PART NO.: LP724120ANL | |
| | SCALE: 2/1 | SHEET: 2/2 | REV: A / DWG NO.: LP21051132 |

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