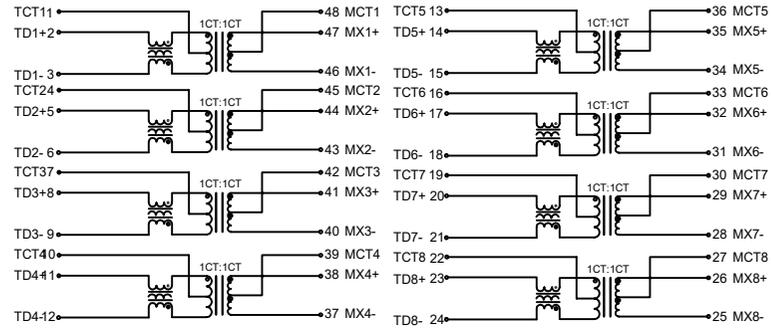
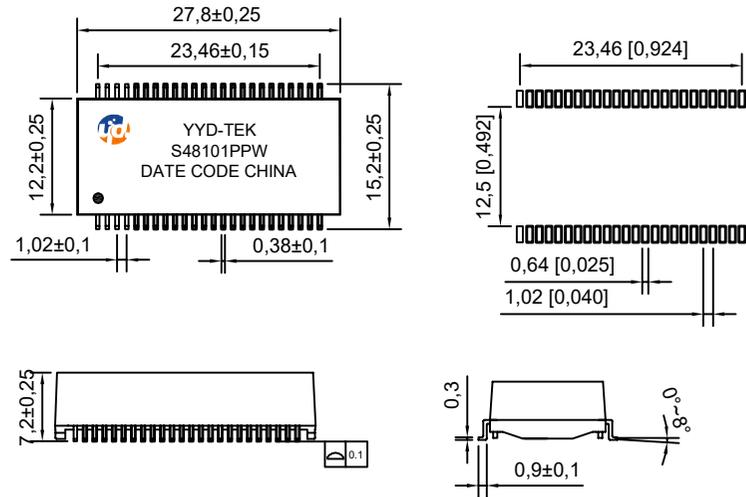


Schematic:



Mechanical:



| NO. | REV | DESCRIPTION. | APPD. | Date |
|-----|-----|--------------|----------|-----------|
| 1 | A1 | 新增成品编码 | JACKE LI | 2024/04/2 |
| | | | | |
| | | | | |

| PARAMETER | SPECIFICATIONS |
|------------------------------------|---|
| OPERATING TEMPERATURE | -40°C to +85°C |
| STORAGE TEMPERATURE | -25°C TO 125°C |
| INDUCTANCE(OCL) | 350uH MIN @100KHz 100mV With 8mA DC Bias |
| leakage inductance | 0.5uH MAX |
| TURNS RATIO | 1:1±3% |
| Cw/w | 28pF MAX |
| D.C.R | 1.2Ω MAX |
| INSERTION LOSS(IL) | -1.0dB MAX@1MHz-100MHz |
| RETURN LOSS(RL) (Z out=100 OHM) | -18dB MIN@1MHz-30MHz;-16dB MIN@30-60MHz -12dB MIN@60MHz-80MHz;-10dB MIN@100MHz |
| CROSSTALK | -30dB MIN @1MHz-100MHz; |
| DCMR | -40dB MIN @30MHz;-35dB MIN @60MHz; -30dB MIN @100MHz; |
| HI-POT | 1500Vrms |
| STANDARD | Designed to meet IEEE802.3bt Requiement with up to 720mA SUPPLY CURRENT |

| | | | | | | | | | |
|---|--|---|----|--|----------|------------|----------|------------------|------------|
| 产品图 | |  深圳市毅远达电子有限公司 Shenzhen Yi Yuan Da Electronic Co., LTD | | | | | | | |
| 未注公差 TOLERANCE UNLESS OTHERWISE SPECIFIED | 0. XX ±0.10 X. XX ±0.25 XX. XX ±0.25 X' ±2' | Description | | 100 BASE-T Ethernet Isolation Transformer 16PIN SMT PROFILE PACKAGE | | | | | |
| 比例 SCALE | 1:1 | 版本 REV. | A1 | 制图 CHECKED | JACKE LI | 日期 DATE | 2024/4/2 | 品名 TITLE | S48101PPW |
| 张数 SHEET | 1/1 | 大小 SIZE | A4 | 校对 CHECKED | JACKE LI | 日期 DATE | 2024/4/2 | 内部品名 TITLE | S48101PPW |
| 单位 UNIT | mm inch | 角法 PORJ. | ☉ | 核准 APPROVED | | 日期 DATE | | 货品编码 PART NO. | C300101035 |