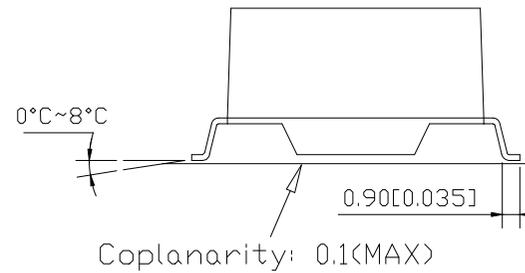
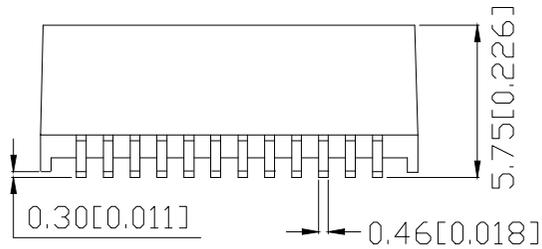
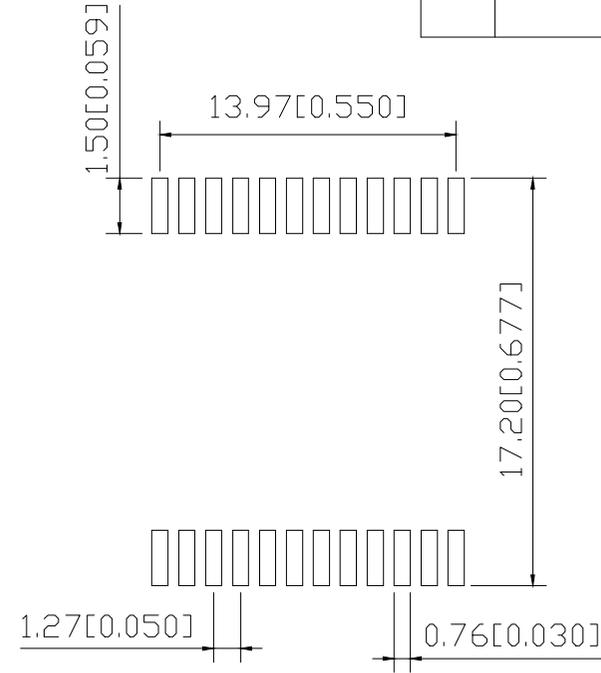
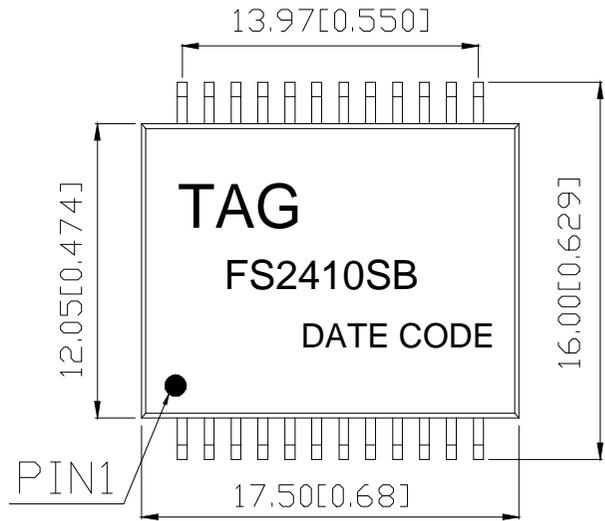


| REV. | CHANGGE DESCRIPTION | DATE |
|------|---------------------|----------|
| A | New Issue | 2019-3-7 |

1. MECHANICAL DIMENSIONS :



RoHS Compliant

NOTE. DIMENSIONS:MM(INCHES)/UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ±0.25(0.010).

TAG 億客科技股份有限公司
ECO TECH CO., LTD.

A4
SIZE

TAG PART NO.:
FS2410SB

VENDOR PART NO.:

Drawn: Rita

Designed: Robin

Approved: Deane

Date: 2019-3-7

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DESCRIPTION:
2.5G BASE-T TRANSFORMER MODULES

UNIT mm[inch]

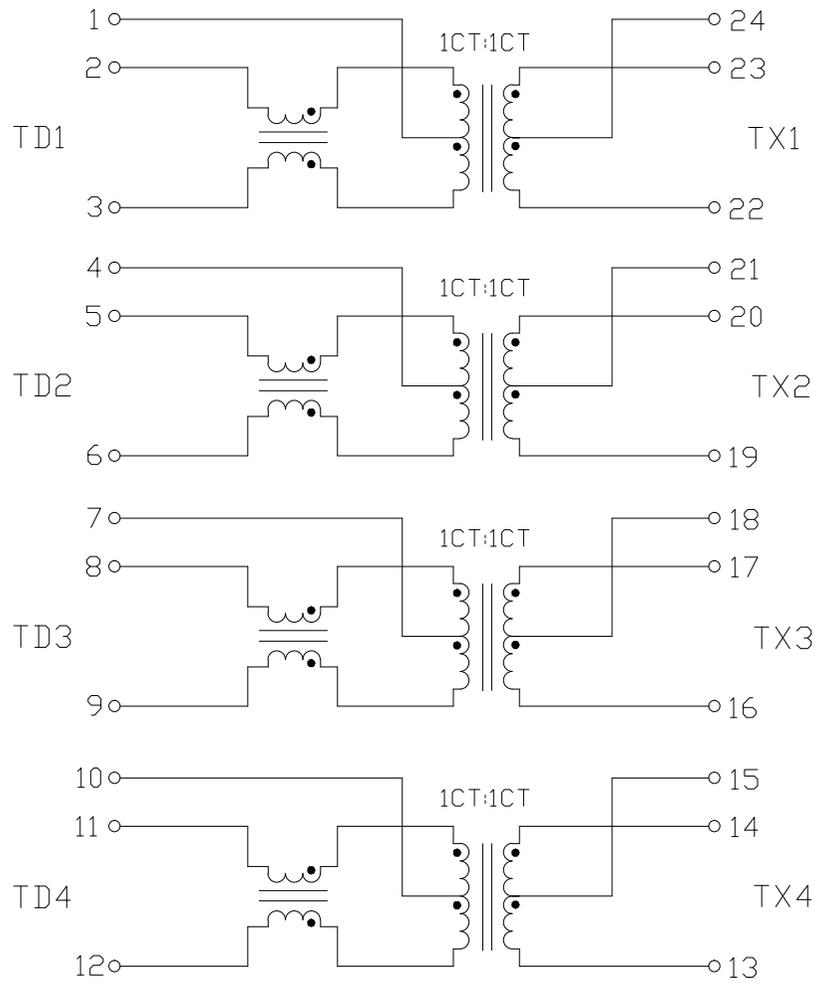
USED ON

SHEET 1 OF 2

REV. A

| REV. | CHANGGE DESCRIPTION | DATE |
|------|---------------------|----------|
| A | New Issue | 2019-3-7 |
| | | |

2. SCHEMATIC:



3. ELECTRICAL CHARACTERISTICS :

TEST NOTES:(25°±5°C)

- TR:(100KHz,0.1V); 100%
PINS:(2,3):(23,22)=1:1±3%;(5,6):(20,19)=1:1±3%
PINS:(8,9):(17,16)=1:1±3%;(11,12):(14,13)=1:1±3%
- LX:(100KHz,0.1V,8mA, DC Bias) 100%
PINS:(23,22),(20,19),(17,16),(14,13)=150uH MINIMUM
- DCR: 100%
PINS:(2,3),(5,6),(8,9),(11,12)=1.0 Ω MAXIMUM
- HIPOT: 100%
PINS(2,1,3)TO(23,24,22),(5,4,6)TO(20,21,19)=1500VAC FOR 60 SECONDS
PINS(8,7,9)TO(17,18,16),(11,10,12)TO(14,15,13)=1500VAC FOR 60 SECONDS
- INSERTION LOSS:
-1.0dB MAXIMUM AT 1MHz TO 100MHz;
-1.5dB MAXIMUM AT 100MHz TO 125MHz;
-2.5dB MAXIMUM AT 125MHz TO 250MHz;
- RETURN LOSS:
-16dB MINIMUM AT 1MHz TO 40MHz;
-12dB MINIMUM AT 40MHz TO 100MHz;
-11dB MINIMUM AT 100MHz TO 125MHz;
- CROSS TALK
-30dB MINIMUM AT 1MHz TO 100MHz;
-25dB MINIMUM AT 100MHz TO 125MHz;
- COMMON TO COMMON MADE REJECTION:
-30dB MINIMUM AT 1MHz TO 100MHz;
-25dB MINIMUM AT 100MHz TO 125MHz;
- 1.2A CURRENT CAPABILITY.
- OPERATING TEMPERATURE 0C TO +70°C

! 注① : 2.5G BASE-T TRANSFORMER MODULES

RoHS Compliant

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DESCRIPTION:
2.5G BASE-T TRANSFORMER MODULES

| | | | |
|-------|----------|---------|---|
| UNIT | mm[inch] | USED ON | |
| SHEET | 2 OF 2 | REV. | A |