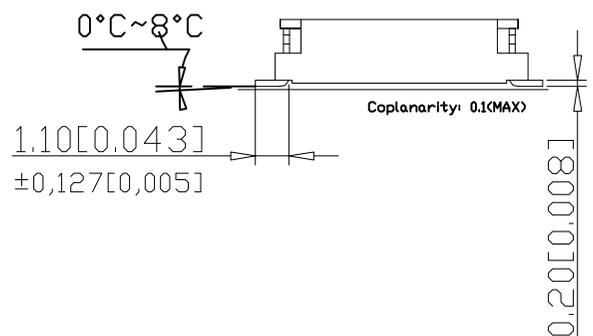
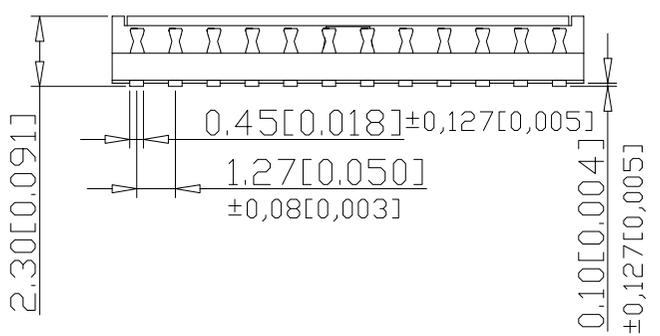
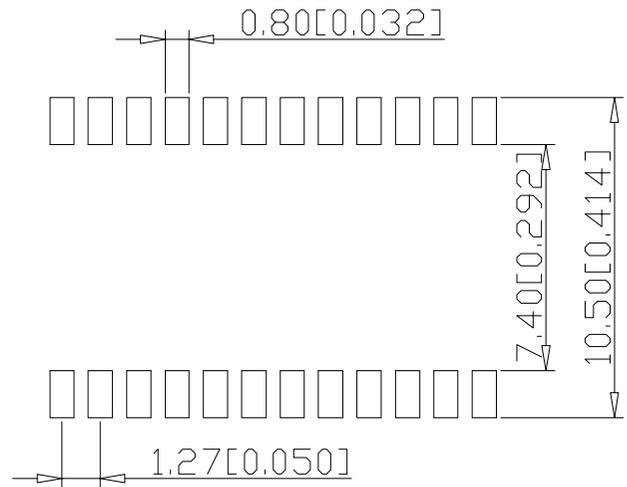
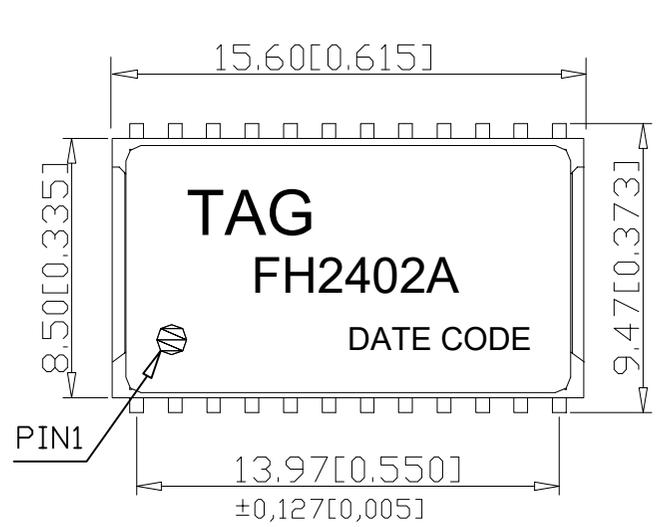


1. MECHANICAL DIMENSIONS :

REV.	CHANGE DESCRIPTION	DATE
A	New Issue	2019-6-15



NOTE. DIMENSIONS:MM(INCHES)/UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ±0.50(0.020).

TAG 億客科技股份有限公司
ECO TECH CO., LTD.

A4
SIZE

TAG PART NO.:
FH2402A

VENDOR PART NO.:

Drawn: Zhang Xue

Designed: Yang Tian

Approved: Deane

Date: 2019-6-15

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DESCRIPTION:
2.5G BASE-T TRANSFORMER MODULES

UNIT mm[inch]

USED ON

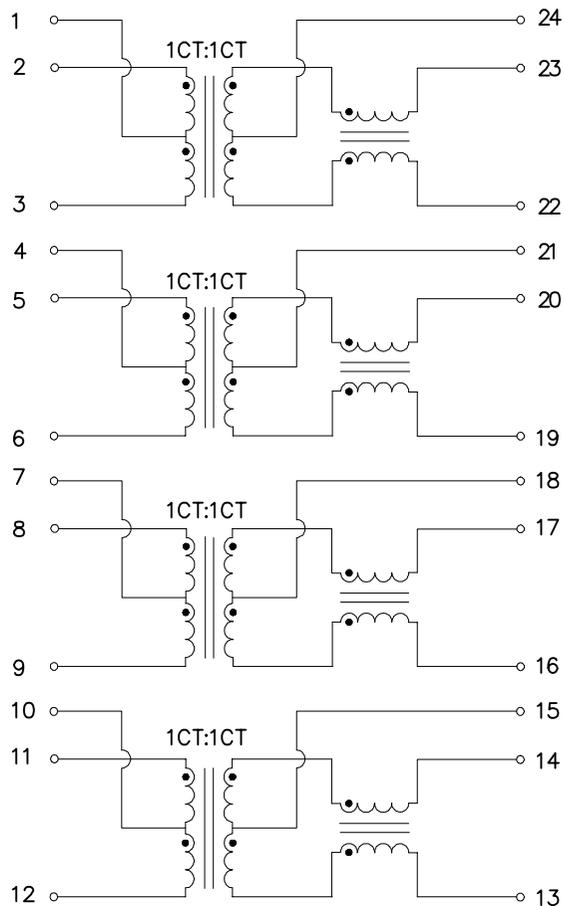
SHEET 1 OF 2

REV. A

2. SCHEMATIC:

PHY

LINE



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,) 100%
PINS:(2,3),<5,6),<8,9),<11,12)=180uH MINIMUM
- DCR: 100%
PINS:<23,22),<20,19),<17,16),<14,13)=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;
-10dB MINIMUM AT 40MHz TO 100MHz;
-6dB MINIMUM AT 100MHz TO 125MHz;
- CROSS TALK:
-30dB MINIMUM AT 1MHz TO 100MHz
-25dB MINIMUM AT 100MHz TO 125MHz
- CMRR:
-30dB MINIMUM AT 1MHz TO 100MHz;
-25dB MINIMUM AT 100MHz TO 125MHz;
- OPERATING TEMPERATURE 0°C TO 70°C

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DESCRIPTION:
2.5G BASE-T TRANSFORMER MODULES

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