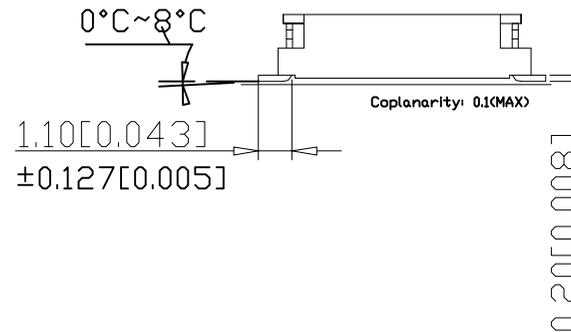
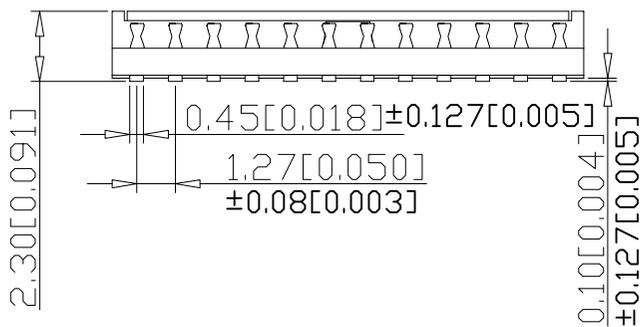
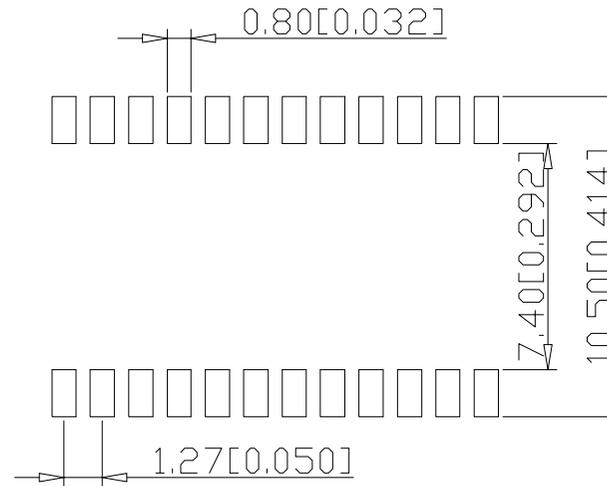
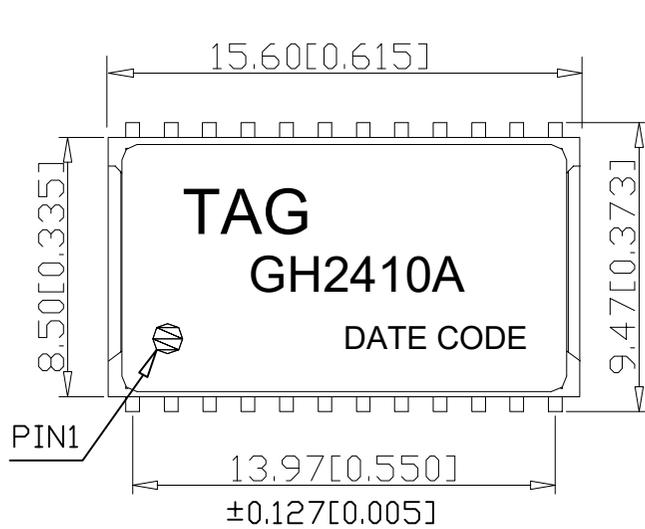


1. MECHANICAL DIMENSIONS :

REV.	CHANGE DESCRIPTION	DATE
A	New Issue	2017-6-15



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.:
GH2410A

VENDOR PART NO.:

Drawn: Zhang Xue

Designed: Yang Tian

Approved: Deane

Date: 2017-6-15

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DESCRIPTION:
100/1000 BASE-T TRANSFORMER MODULES

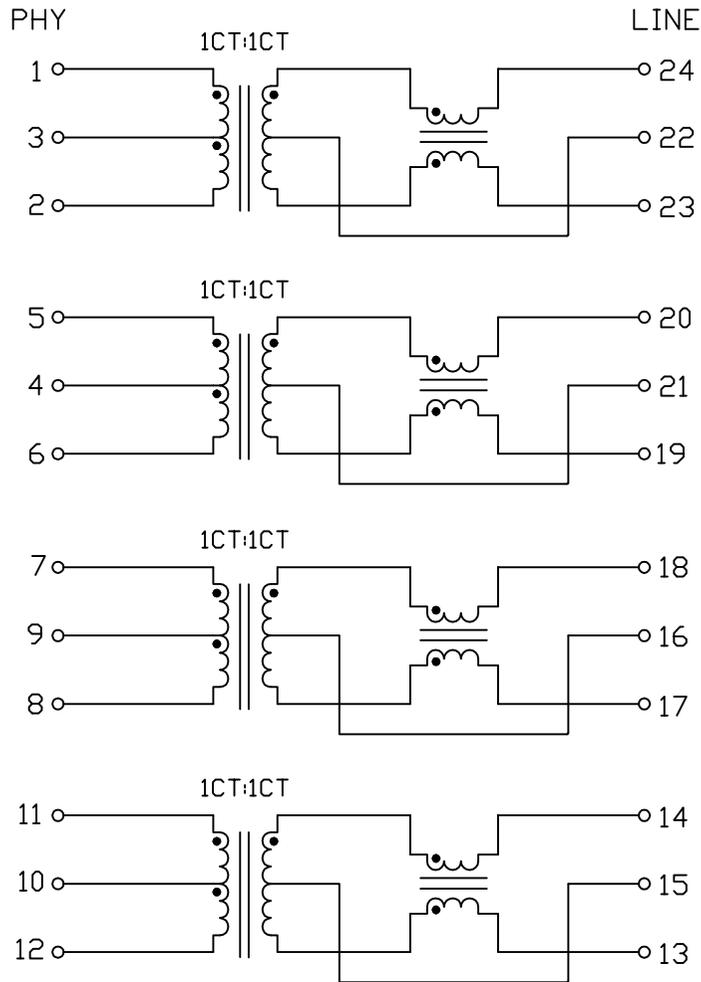
UNIT mm[inch]

USED ON

SHEET 1 OF 2

REV. A

2. SCHEMATIC:



3. ELECTRICAL CHARACTERISTICS :

TEST NOTES:(25°±5°C)

- TR:(100KHz,0.1V); 100%
PINS:(1,2):(24,23)=1:1±3%;(5,6):(20,19)=1:1±3%
PINS:(7,8):(18,17)=1:1±3%;(11,12):(14,13)=1:1±3%
- LX:(100KHz,0.1V) 100%
PINS:(1,2),(5,6),(7,8),(11,12)=350uH TYP
- DCR: 100%
PINS:(24,23),(20,19),(18,17),(14,13)=1.2Ω MAXIMUM
- HIPOT: 100%
PINS(1,3,2)TO(24,22,23),(5,4,6)TO(20,21,19)=1500VAC FOR 60 SECONDS
PINS(7,9,8)TO(18,16,17),(11,10,12)TO(14,15,13)=1500VAC FOR 60 SECONDS
- INSERTION LOSS:
-1.0dB MAXIMUM AT 1MHz TO 100MHz;
- RETURN LOSS:
-18dB MINIMUM AT 1MHz TO 30MHz;
-16dB MINIMUM AT 30MHz TO 60MHz;
-12dB MINIMUM AT 60MHz TO 80MHz;
-10dB MINIMUM AT 80MHz TO 100MHz;
- CROSS TALK:
-38dB MINIMUM AT 1MHz TO 100MHz
- COMMON MODE REJECTION:
-35dB MINIMUM AT 1MHz TO 60MHz;
-33dB MINIMUM AT 60MHz TO 100MHz;
- OPERATING TEMPERATURE 0°C TO 70°C

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DESCRIPTION:

100/1000 BASE-T TRANSFORMER MODULES

UNIT mm[inch]

USED ON

SHEET 2 OF 2

REV. A