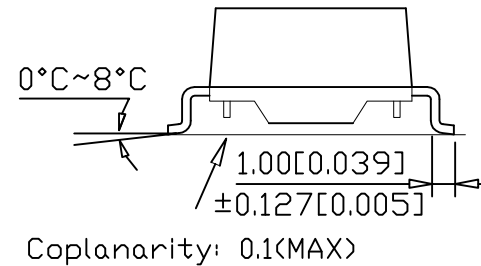
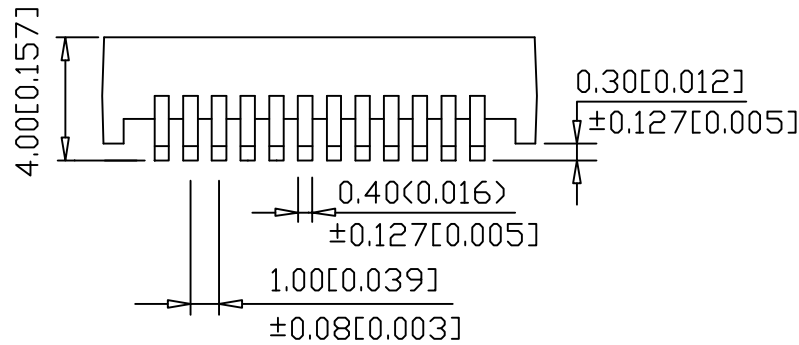
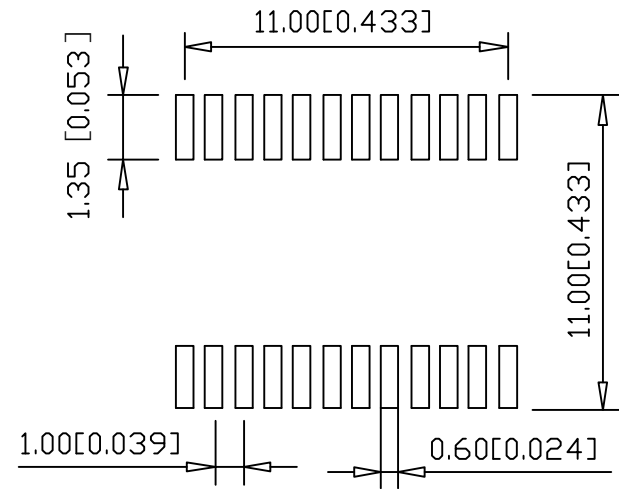
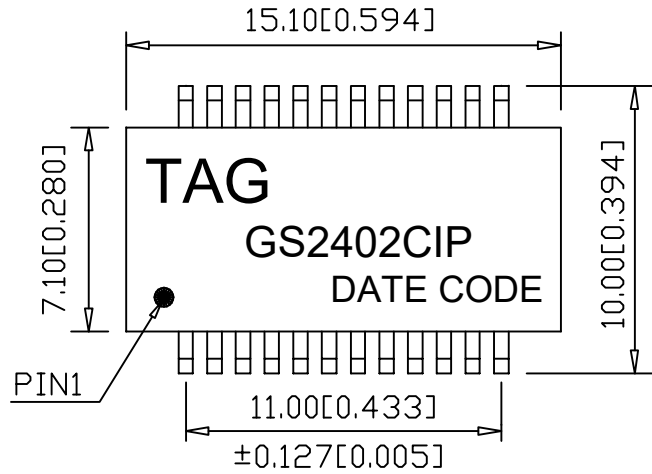


1. MECHANICAL DIMENSIONS :

REV.	CHANGE DESCRIPTION	DATE
A	New Issue	2020-12-7



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.:
GS2402CIP

VENDOR PART NO.:

Drawn: Zhang Xue

Designed: Yang Tian

Approved: Deane

Date: 2020-12-7

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THIRD ANGLE
PROJECTION

DESCRIPTION:
100/1000 BASE-T TRANSFORMER MODULES

UNIT mm[inch]

USED ON

SHEET 1 OF 2

REV. A

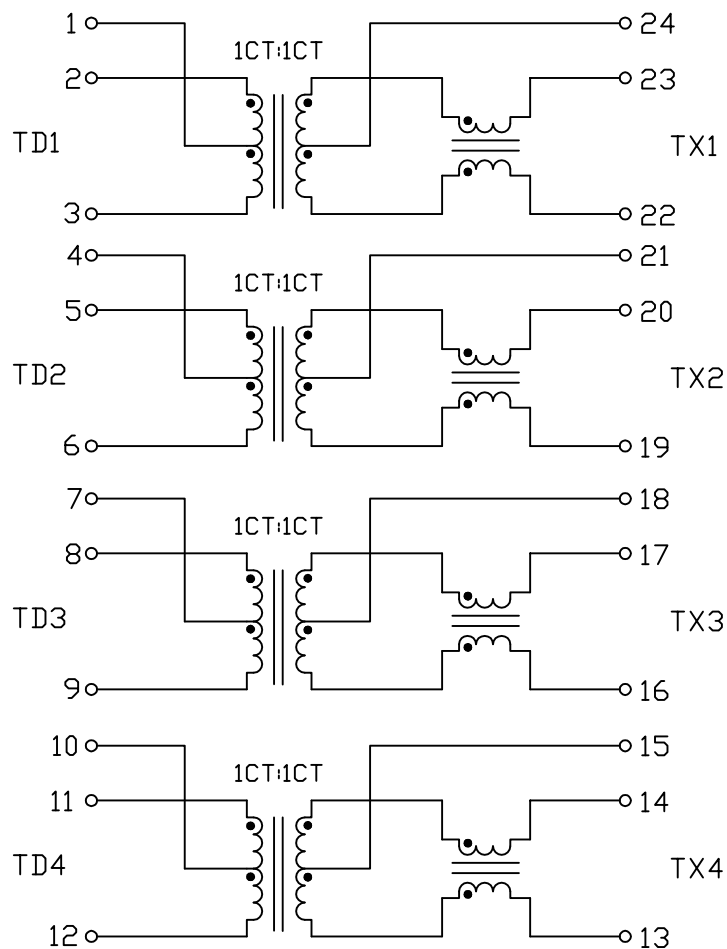
1

2

3

4

2. SCHEMATIC:



3. ELECTRICAL CHARACTERISTICS :

TEST NOTES:($25^{\circ}\pm 5^{\circ}\text{C}$)

- TR:(100KHz,0.1V); 100%
PINS:(2,3):(23,22)= $1:1\pm 3\%$;(5,6):(20,19)= $1:1\pm 3\%$
PINS:(8,9):(17,16)= $1:1\pm 3\%$;(11,12):(14,13)= $1:1\pm 3\%$
- LX:(100KHz,0.1V,8mA, DC Bias) 100%
PINS:(2,3),(5,6),(8,9),(11,12)=350uH MINIMUM
- DCR: 100%
PINS:(23,22),(20,19),(17,16),(14,13)= 1.2Ω 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;
- RETURN LOSS:
-16dB MINIMUM AT 1MHz TO 40MHz;
-14dB MINIMUM AT 40MHz TO 60MHz;
-12dB MINIMUM AT 60MHz TO 80MHz;
-10dB MINIMUM AT 80MHz TO 100MHz;
- CROSS TALK:
-40dB MINIMUM AT 1MHz TO 30MHz
-35dB MINIMUM AT 30MHz TO 60MHz
-30dB MINIMUM AT 60MHz TO 100MHz
- CMRR:
-30dB MINIMUM AT 0.1MHz TO 100MHz;
- OPERATING TEMPERATURE -40°C TO $+85^{\circ}\text{C}$
- 720mA current capability

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DESCRIPTION:
100/1000 BASE-T TRANSFORMER MODULES

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