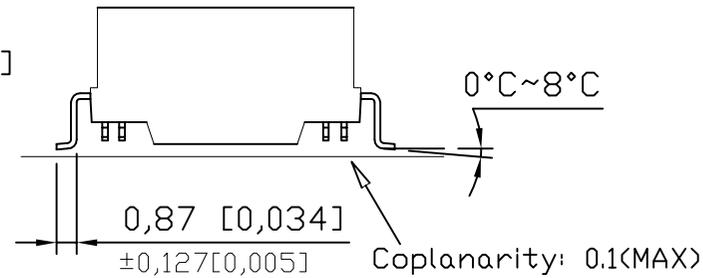
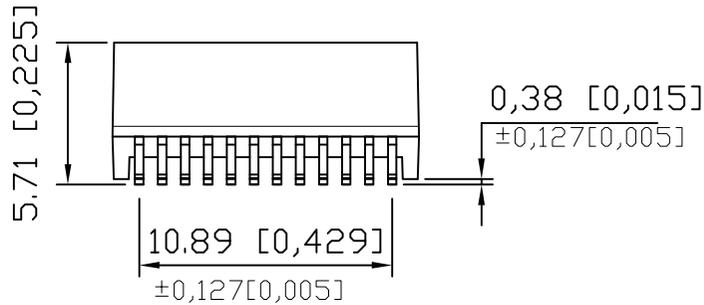
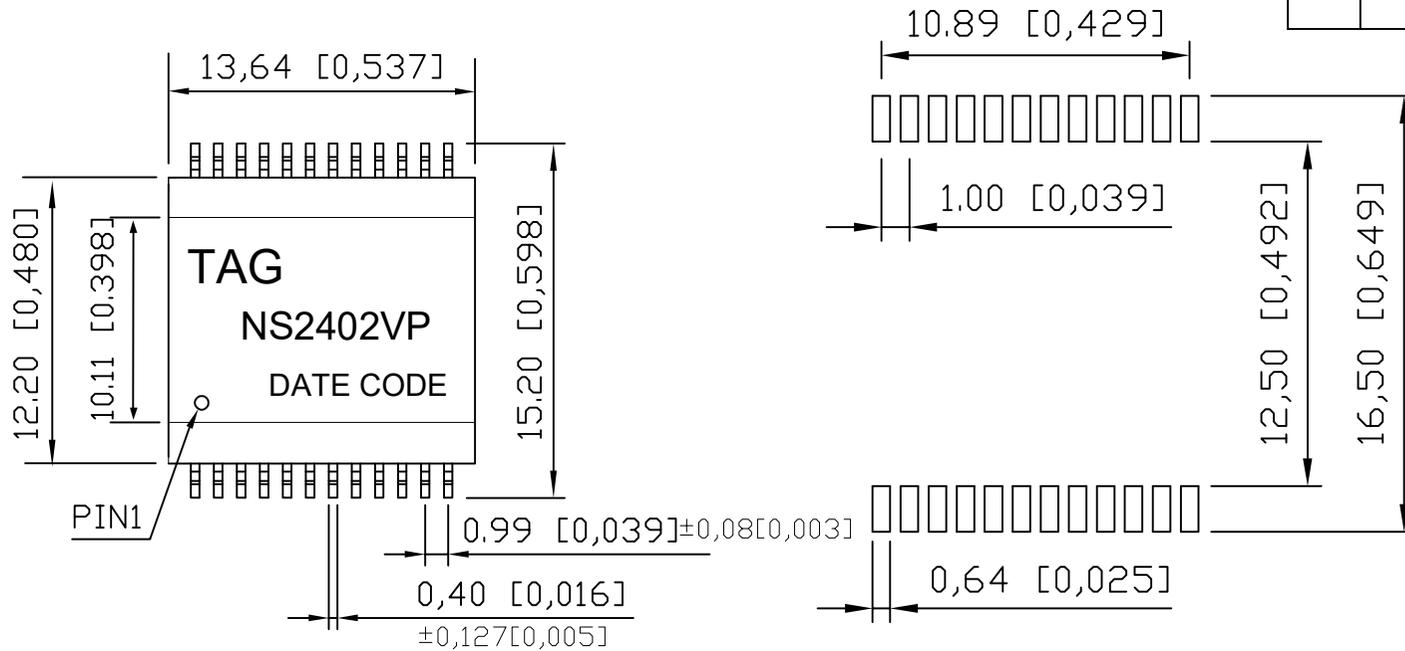


# 1. MECHANICAL DIMENSIONS :

REV.	CHANGE DESCRIPTION	DATE
A/0	New Issue	2023-6-26



RoHS Compliant

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

**TAG**

億客科技股份有限公司  
ECO TECH CO., LTD.

A4  
SIZE

TAG PART NO.:  
NS2402VP

VENDOR PART NO.:

Drawn: Zhang Xue

Designed: Yang Tian

Approved: Deane

Date: 2023-6-26

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DESCRIPTION:  
10G BASE-T TRANSFORMER MODULES

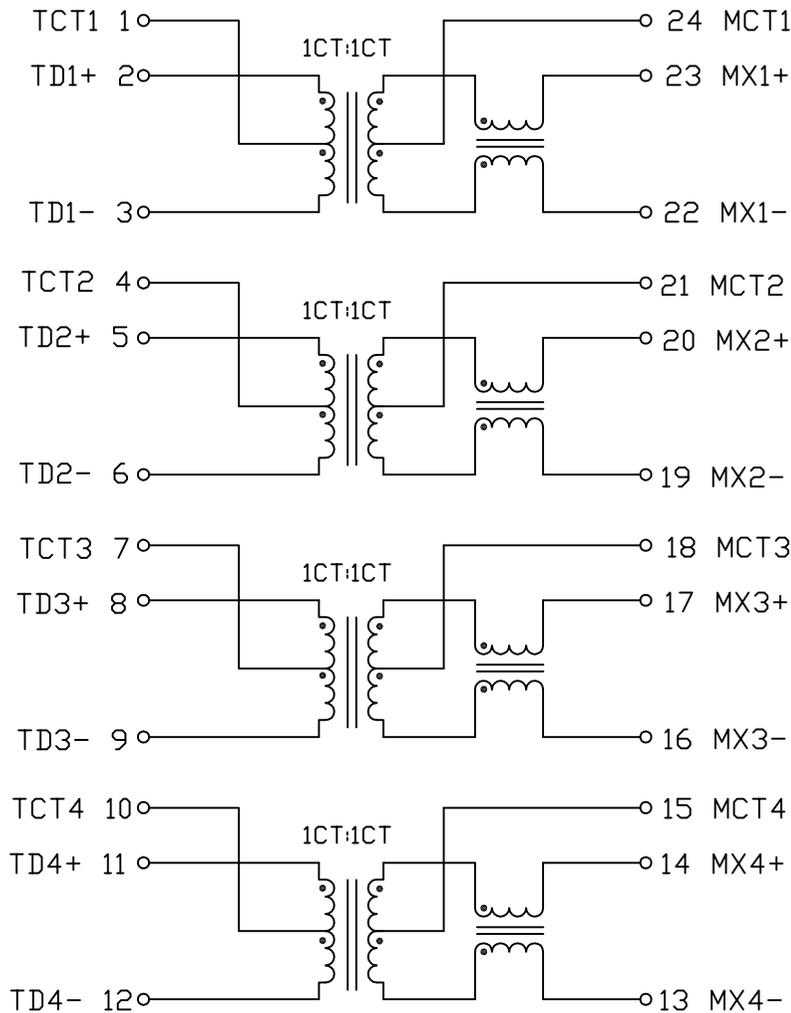
UNIT mm[inch]

USED ON

SHEET 1 OF 2

REV. A/0

## 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) 100%  
PINS:(2,3),(5,6),(8,9),(11,12)=140uH MIN
- DCR: 100%  
PINS:(23,22),(20,19),(17,16),(14,13)=0.8Ω 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 Max AT 1MHz TO 50MHz  
-1.5dB Max AT 50MHz TO 200MHz  
-2.0dB Max AT 200MHz TO 400MHz  
-3.0dB Max AT 400MHz TO 500MHz
- RETURN LOSS:  
-18dB Min AT 1MHz  
-13dB Min AT 2MHz TO 100MHz  
-10dB Min AT 100MHz TO 200MHz  
-7dB Min AT 200MHz TO 400MHz  
-6dB Min AT 400MHz TO 500MHz
- Cross Talk:  
-30dB Min AT 1MHz TO 100MHz  
-18dB Min AT 100MHz TO 500MHz
- 720mA CURRENT CAPABILITY.
- OPERATING TEMPERATURE 0°C TO 70°C.

RoHS Compliant

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DESCRIPTION:  
10G BASE-T TRANSFORMER MODULES

UNIT	mm[inch]	USED ON
SHEET	2 OF 2	REV. A/0