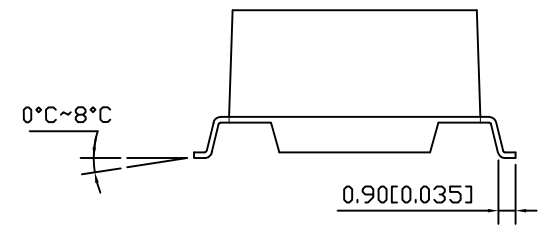
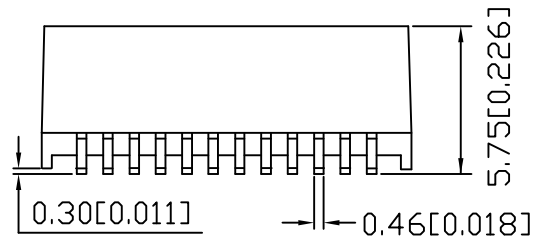
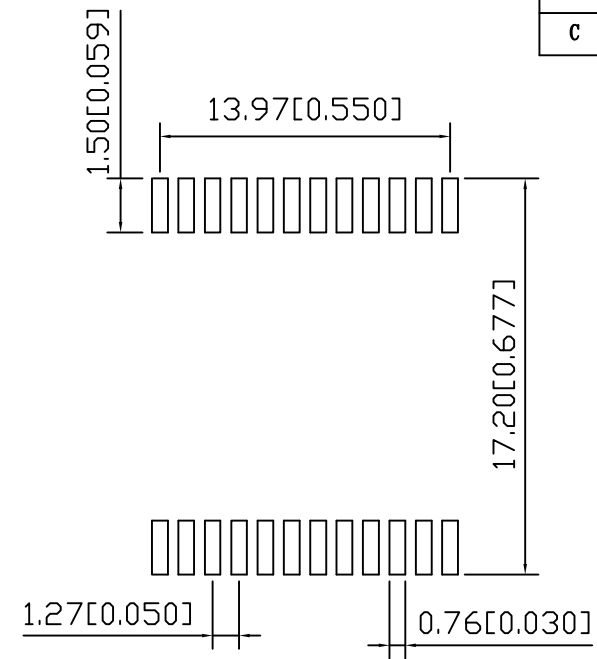
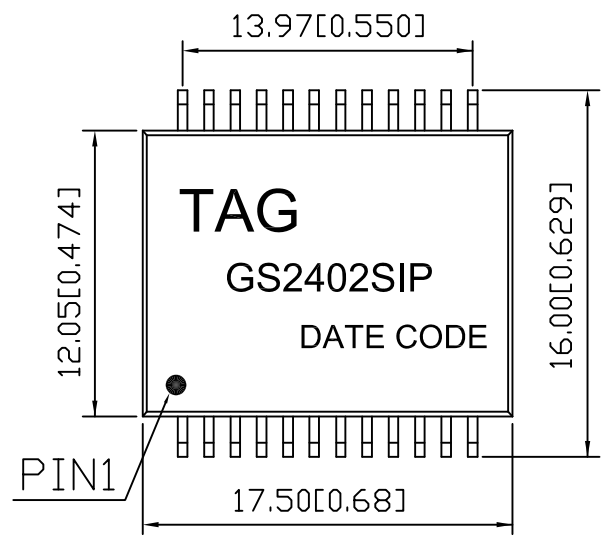


# 1. MECHANICAL DIMENSIONS :

REV.	CHANGE DESCRIPTION	DATE
A	New Issue	2011-9-29
B	修改DCR最大值	2012-11-8
C	更改胶壳档墙	2013-12-30

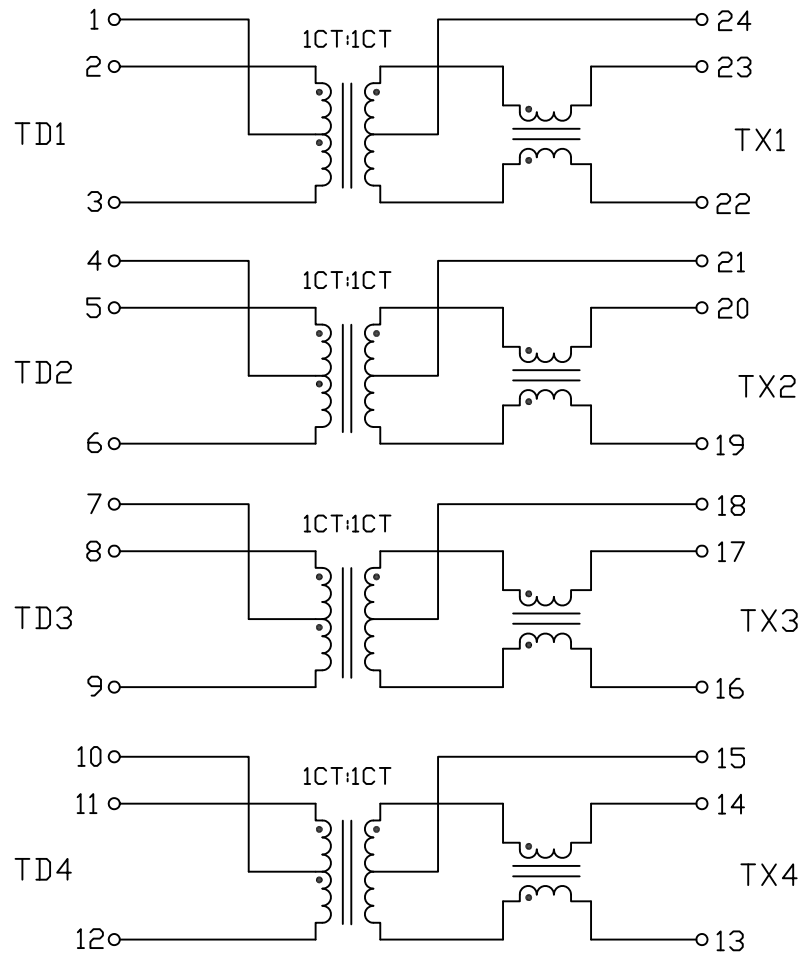


RoHS Compliant

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

<b>TAG</b> 泰安吉科技有限公司 TAG TECHNOLOGY CO., LTD.	<b>A4</b> SIZE	TAG PART NO.: GS2402SIP	VENDOR PART NO.:		Drawn:	庞盛兰
			UNIT	mm[inch]	USED ON	DESIGNED:
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF TAG TECHNOLOGY CO., LTD. AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SELL OF APPARATUS OR DEVICES WITHOUT PERMISSION.	THIRD ANGLE PROJECTION	DESCRIPTION: 100/1000 BASE-T TRANSFORMER MODULES	SHEET	1 OF 2	REV.	C
			Approved:	Evan	Date:	2013-12-30

## 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:(2,3),(5,6),(8,9),(11,12)=350uH MINIMUM
- DCR: 100%  
PINS:(23,22),(20,19),(17,16),(14,13)=1.4 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;
- RETURN LOSS:  
-16dB MINIMUM AT 1MHz TO 30MHz;  
-12dB MINIMUM AT 30MHz TO 60MHz;  
-10dB MINIMUM AT 60MHz TO 80MHz;
- CROSS TALK:  
-45dB MINIMUM AT 1MHz TO 30MHz  
-40dB MINIMUM AT 30MHz TO 60MHz  
-35dB MINIMUM AT 80MHz TO 100MHz
- COMMON MODE REJECTION:  
-42dB MINIMUM AT 1MHz TO 30MHz;  
-40dB MINIMUM AT 30MHz TO 60MHz;  
-35dB MINIMUM AT 80MHz TO 100MHz;
- 720mA CURRENT CAPABILITY.
- OPERATING TEMPERATURE -40°C TO +85°C

RoHS Compliant

**TAG** 泰安吉科技有限公司  
TAG TECHNOLOGY CO., LTD.

A4  
SIZE

TAG PART NO.:  
GS2402SIP

VENDOR PART NO.:

Drawn: 庞盛兰

Designed: 杨田田

Approved: Evan

Date: 2013-12-30

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF TAG TECHNOLOGY CO., LTD. AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SELL OF APPARATUS OR DEVICES WITHOUT PERMISSION.



DESCRIPTION:  
100/1000 BASE-T TRANSFORMER MODULES

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