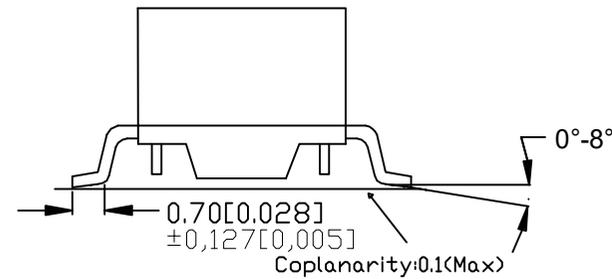
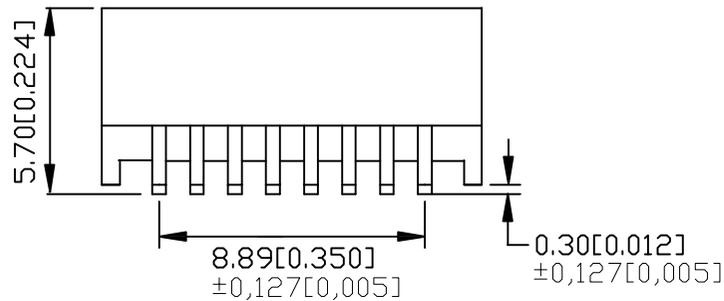
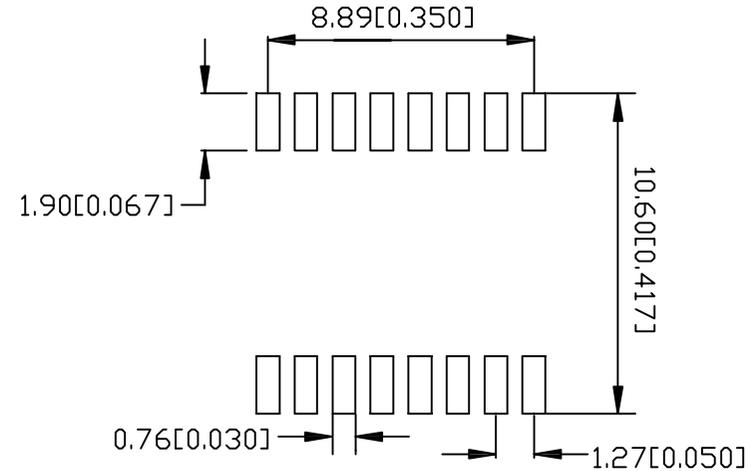
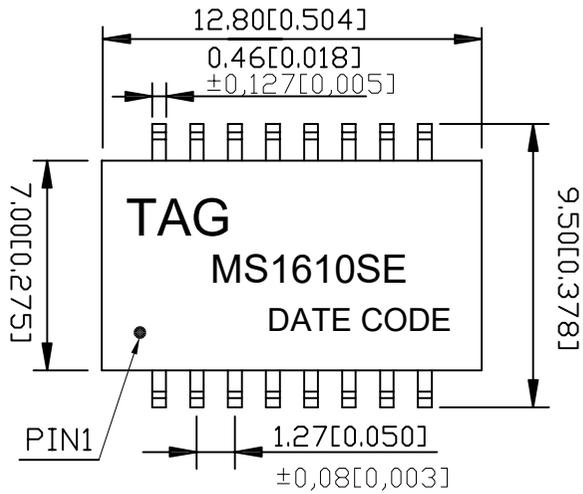


1. MECHANICAL DIMENSIONS :

REV.	CHANGE DESCRIPTION	DATE
A	New Issue	2011-9-13



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

RoHS Compliant

TAG

億客科技股份有限公司
ECO TECH CO., LTD.

A4
SIZE

TAG PART NO.:
MS1610SE

VENDOR PART NO.:

Drawn: Zhang Xue

Designed: Yang Tian

Approved: Deane

Date: 2011-9-13

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DESCRIPTION:
10/100 BASE-T TRANSFORMER MODULES

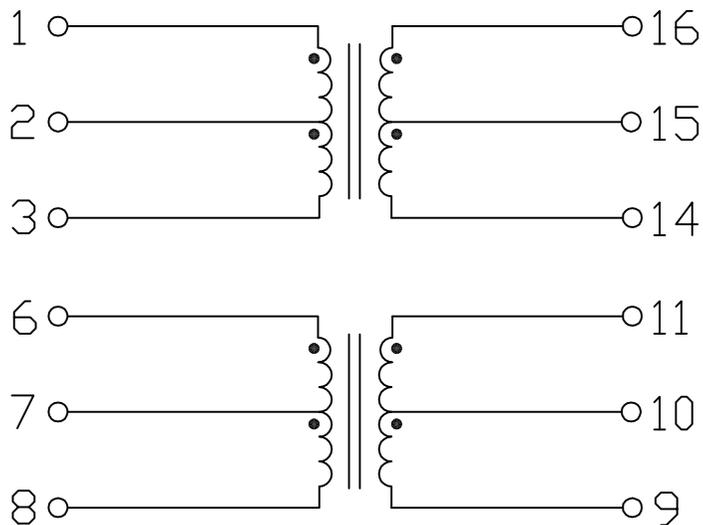
UNIT mm[inch]

USED ON

SHEET 1 OF 2

REV. A

2. SCHEMATIC:



3. ELECTRICAL CHARACTERISTICS :

TEST NOTES:(25°±5°C)

1. TR:(100KHz,0.2V); 100%
PINS:(1,3)<(16,14)=1:1±3%;(6,8)<(11,9)=1:1±3%
2. LX:(100KHz, 0.2V,8mA, DC Bias)
PINS:(1,3)<(6,8)=350uH MINIMUM
3. DCR; 100%
PINS:(16,14)<(11,9)=0.9Ω MAXIMUM
4. HIPOT; 100%
PINS:(1,2,3)TO PINS:(16,15,14)=1500VAC FOR 60 SECONDS
PINS:(6,7,8)TO PINS:(11,10,9)=1500VAC FOR 60 SECONDS
5. INSERTION LOSS:
-1.1dB MAXIMUM AT 0.3MHz TO 100MHz
6. RETURN LOSS:
-16dB MINIMUM AT 0.3MHz TO 30MHz
-16dB MINIMUM AT 30MHz TO 40MHz
-14.1dB MINIMUM AT 40MHz TO 50MHz
-12.5dB MINIMUM AT 50MHz TO 60MHz
-10dB MINIMUM AT 60MHz TO 80MHz
7. CROSS TALK:
-30dB MINIMUM AT 1MHz TO 100MHz
8. COMMON MODE REJECTION:
-30dB MINIMUM AT 1MHz TO 100MHz
9. OPERATING TEMPERATURE: -40°C TO +125°C

RoHS Compliant

TAG 億客科技股份有限公司
ECO TECH CO., LTD.

A4
SIZE

TAG PART NO.:
MS1610SE

VENDOR PART NO.:

Drawn: Zhang Xue

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DESCRIPTION:

10/100 BASE-T TRANSFORMER MODULES

UNIT mm[inch]

USED ON

SHEET 2 OF 2

REV. A