

REV. Status

REVISION -
12/10/01 MP

REVISION A
CHANGED
DIMENSIONS
03/10/04 MP

REVISION B
REVISED RETURN
LOSS - WAS
200Hz TO 4KHz
03/24/05 MP

REVISION C
DEL SAFETY
EN60950 ADDED
RoHS
04/19/04 MP

REVISION D
ADDED "A" CLASS
TO MARKING
NOTE. REV'D PIN
DIMS
05/16/06 MP

A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 530Ω
3. Insertion Loss;
1.0dB MAX @ 1KHz, 0dBm
4. Frequency Response (relative to 1KHz)
±0.25dB @ 200Hz to 4KHz, 0dBm
5. Longitudinal Balance;
60dB MIN @ 200Hz to 1KHz
40dB MIN @ 1KHz to 4KHz
6. Return Loss; 20dB MIN @ 1KHz, 0dBm
7. DC Resistance;
(1-2)= 46Ω ±15%
(3-4)= 45Ω ±15%
8. Turns Ratio; (1-2):(4-3) = 1:1.00±2%
9. Dielectric Strength;
3750Vrms 1 second Pri to Sec
10. Total Harmonic Distortion;
-78dB MAX @ 600Hz, -10dBm (-83dB TYP)

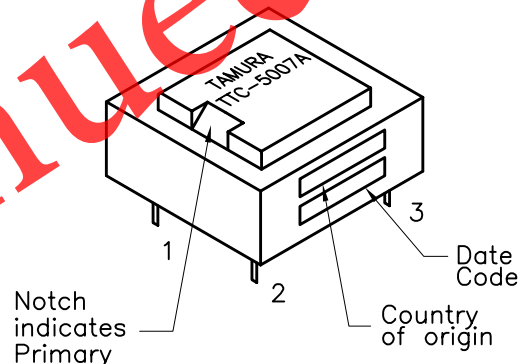
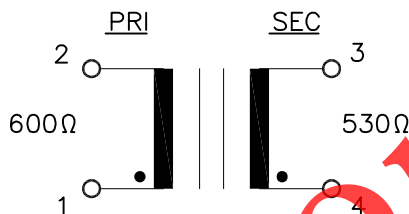


UL #E208555

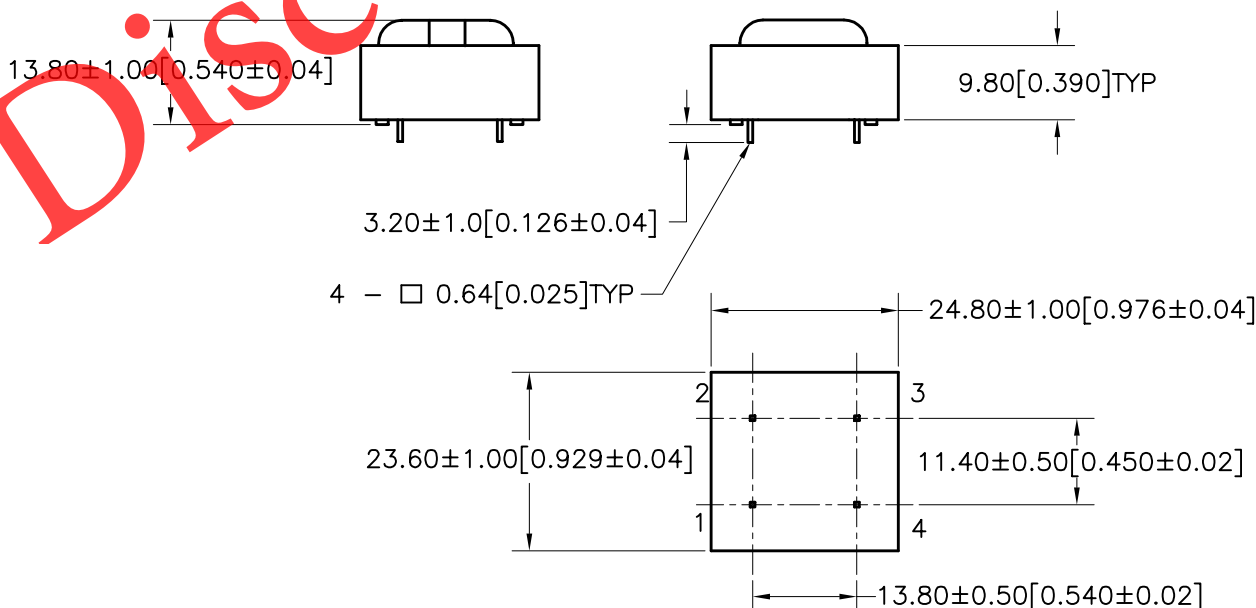
B. Marking; TTC-5007A, TAMURA, date code and country of origin.
"A" designates UL approved family classification.

C. Safety; UL1950 3rd Edition, UL60950

D. Schematic Diagram;



E. Mechanical Specifications;



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APPROVED:

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DWG CONTROL NO.
P-A1-12726
ACAD\TTC\A1127261.DWG

REV
D

MODEM COUPLING
TRANSFORMER

CONTENTS OF THIS DRAWING ARE
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TTC-5007

MODEL SPECIFICATION

DIM: mm [in] SCL: 1/1 SH: 1 OF 1

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