



REV. Status

REVISION -
04/30/04 MP

REVISION A
ADDED REFLOW
PROFILE & RoHS
11/13/07 YS

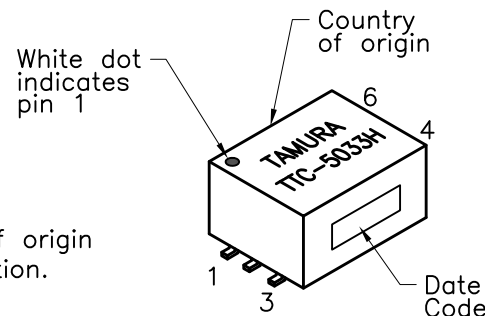
MINIATURE ENCAPSULATED TELECOMMUNICATION HIGH IMPEDANCE TRANSFORMER

A. Electrical Specifications (@ 25° C)

1. Primary Impedance; 10k Ω
2. Secondary Impedance; 10k Ω
3. Primary Inductance; 6.5H MIN @ 200Hz, 10mVrms, Lp Measured (1-3)
4. Leakage Inductance; 22mH MAX @ 1kHz, 10mVrms Measured (1-3) with 6 & 4 shorted
5. DC Resistance;
(1-3):485 Ω $\pm$ 15%
(6-4):485 Ω $\pm$ 15%
6. Turns Ratio; (1-3):(6-4)=1:1.00 $\pm$ 2%
7. Shunt Loss; 22k Ω MIN @ 200Hz, 10mVrms, Rp Measured (1-3)
8. Dielectric Strength; 1875Vrms 1 second @ Pri-Sec



UL #E208555



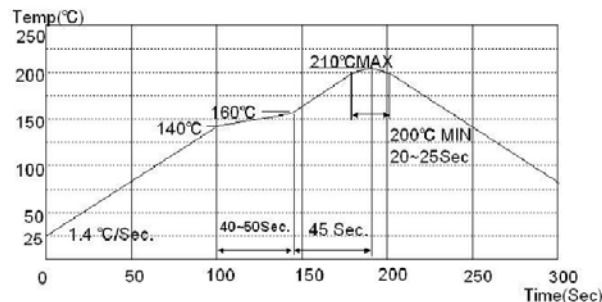
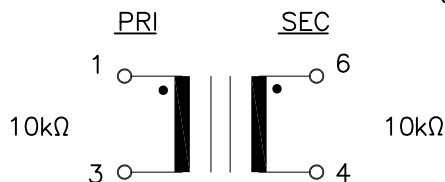
B. Marking; TTC-5033H, TAMURA, date code and country of origin
"H" designates Safety Agency Approved family classification.

C. Safety; Certified to UL60950, EN60950

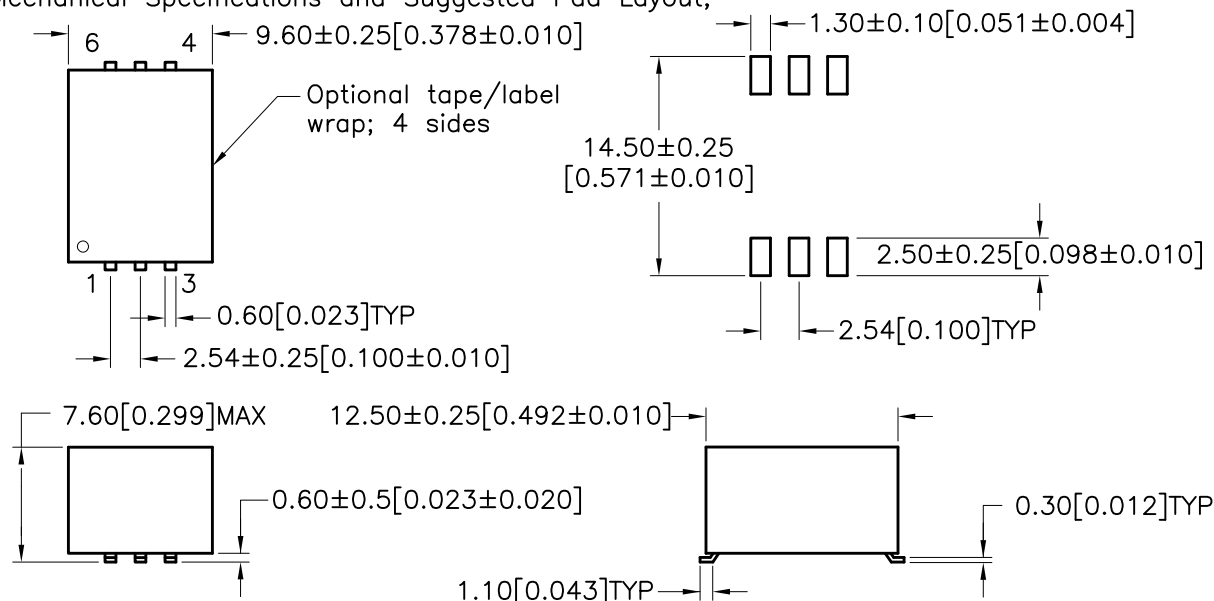
D. Schematic;

E. Suggested Reflow Profile (Terminal)

Customer to determine proper profile based on actual conditions.



F. Mechanical Specifications and Suggested Pad Layout;



PREPARED BY:

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APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.
P-A1-13339
ACAD\TTC\A1133391.DWG

REV
A

TELECOMMUNICATION
TRANSFORMER

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
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TTC-5033

MODEL SPECIFICATION

DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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