



REV. Status

REVISION -
04/30/04 MP

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

MINIATURE ENCAPSULATED TELECOMMUNICATION HIGH IMPEDANCE TRANSFORMER

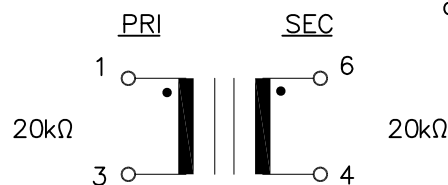
A. Electrical Specifications (@ 25°C)

1. Primary Impedance; 20k Ω
2. Secondary Impedance; 20k Ω
3. Primary Inductance; 18H MIN @ 200Hz, 10mVrms, Lp Measured (1-3)
4. Leakage Inductance; 50mH MAX @ 1kHz, 10mVrms Measured (1-3) with 6 & 4 shorted
5. DC Resistance;
(1-3):1300 Ω $\pm$ 15%
(6-4):1300 Ω $\pm$ 15%
6. Turns Ratio; (1-3):(6-4)=1:1.00 $\pm$ 2%
7. Shunt Loss; 60k Ω MIN @ 200Hz, 10mVrms, Rp Measured (1-3)
8. Dielectric Strength; 1875Vrms 1 second @ Pri-Sec

B. Marking; TTC-5034H, TAMURA, date code and country of origin
"H" designates Safety Agency Approved family classification.

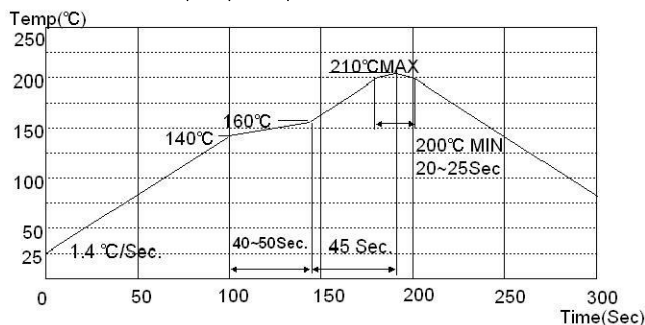
C. Safety; Certified to UL60950, EN60950

D. Schematic;

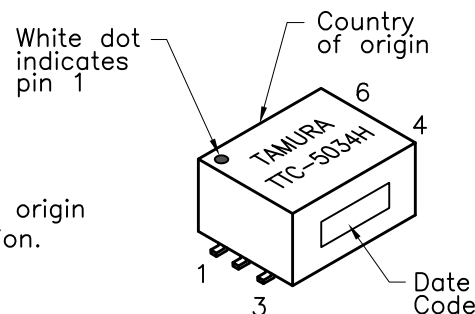


E. Suggested Reflow Profile (Terminal)

Customer to determine proper profile based on actual conditions.



UL #E208555



F. Mechanical Specifications and Suggested Pad Layout;



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DWG CONTROL NO.
P-A1-13358
ACAD\TTC\A1133581.DWG

REV
A

TELECOMMUNICATION
TRANSFORMER

TAMURA CORPORATION OF AMERICA
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TTC-5034

MODEL SPECIFICATION

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

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