

REV. Status

REVISION -
04/30/04 MP

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

REVISION B
REVISED TEMP
RATING
06/09/15 MP

MINIATURE ENCAPSULATED TELECOMMUNICATION HIGH IMPEDANCE TRANSFORMER

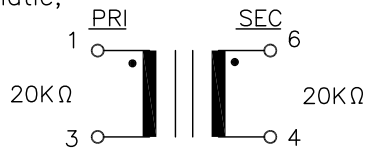
A. Electrical Specifications (@ 25° C)

1. Primary Impedance; 20kΩ
2. Secondary Impedance; 20kΩ
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):1300Ω ±15% (6-4):1300Ω ±15%
6. Turns Ratio; (1-3):(6-4)=1:1.00 ±2%
7. Shunt Loss; 60kΩ 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

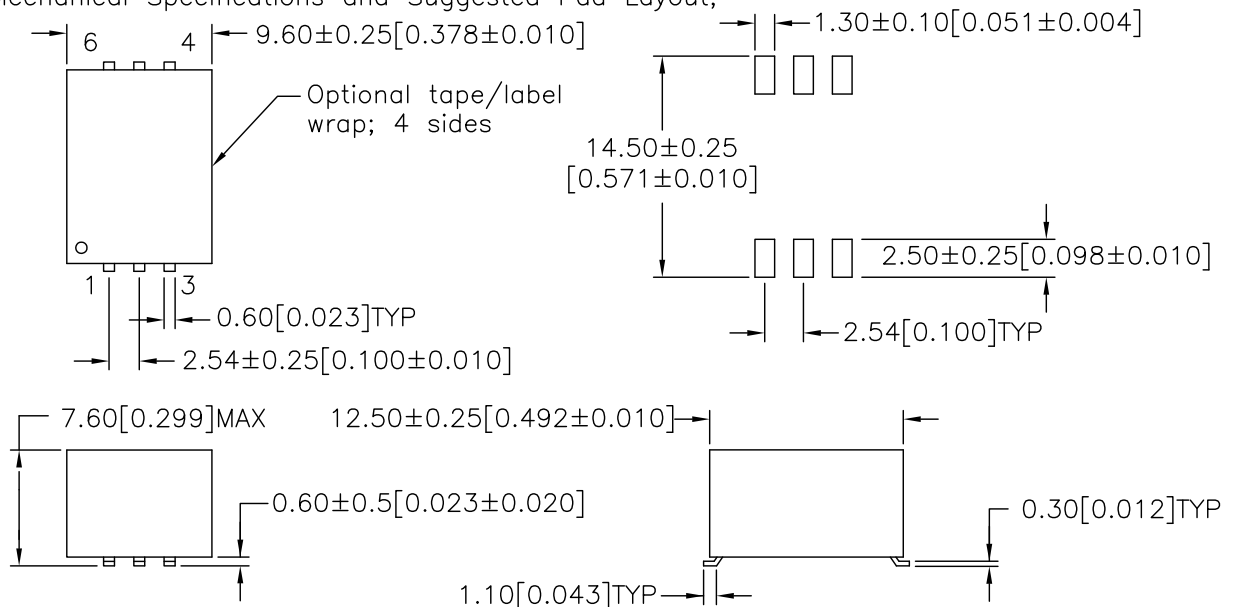
D. Schematic;



E. Operating Temperature: -20 to +85°C
Storage Temperature: -20 to +85°C

F. Suggested Reflow Profile (Terminal)
Customer to determine proper profile based on actual conditions.

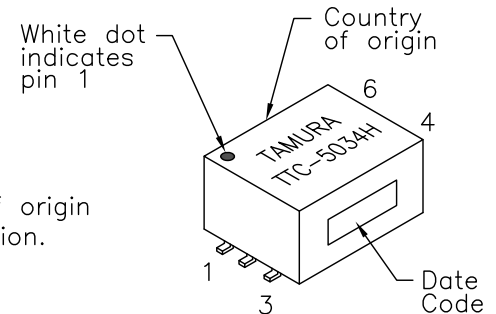
G. Mechanical Specifications and Suggested Pad Layout;



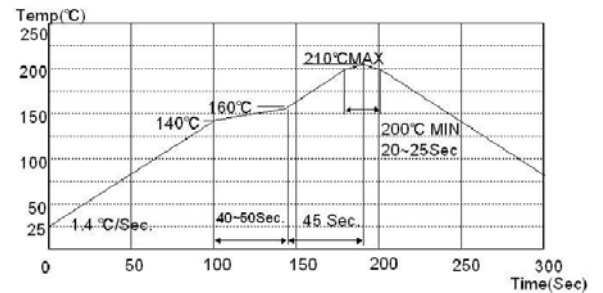
UL #E208555

MODEL NUMBER

TTC-5034



NOTE: Board washing is not recommended for these parts.



PREPARED BY:

C. POPPE

ENGINEER:

MATHI P.

SAFETY ENGINEER

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|---|----------|---|---------------------------------|
| DRAWING CONTROL NO. P-A1-13358 | REV B | MODEL DESCRIPTION TELECOMMUNICATION TRANSFORMER | MODEL SPECIFICATION TTC-5034 |
| CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE | | TAMURA CORPORATION OF AMERICA 1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029 (951) 699-1270 FAX 7607400536 | DIM: mm[In] SCL: 2/1 SH: 1 OF 1 |

APPROVED:

M. PITCHAI

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