

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; 10kΩ
2. Secondary Impedance; 10kΩ
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):485Ω ±15%
(6-4):485Ω ±15%
6. Turns Ratio; (1-3):(6-4)=1:1.00 ±2%
7. Shunt Loss; 22kΩ MIN @ 200Hz, 10mVrms, Rp Measured (1-3)
8. Dielectric Strength; 1875Vrms 1 second @ Pri-Sec

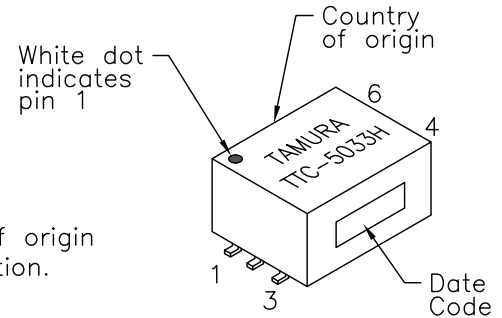


UL #E208555

MODEL NUMBER

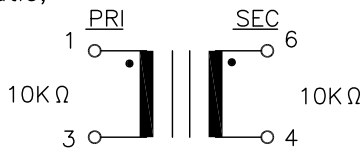
TTC-5033

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



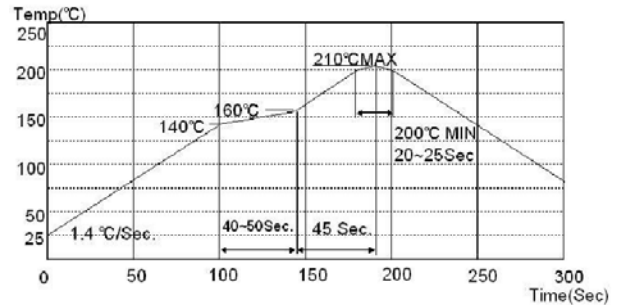
C. Safety; Certified to UL60950, EN60950

D. Schematic;



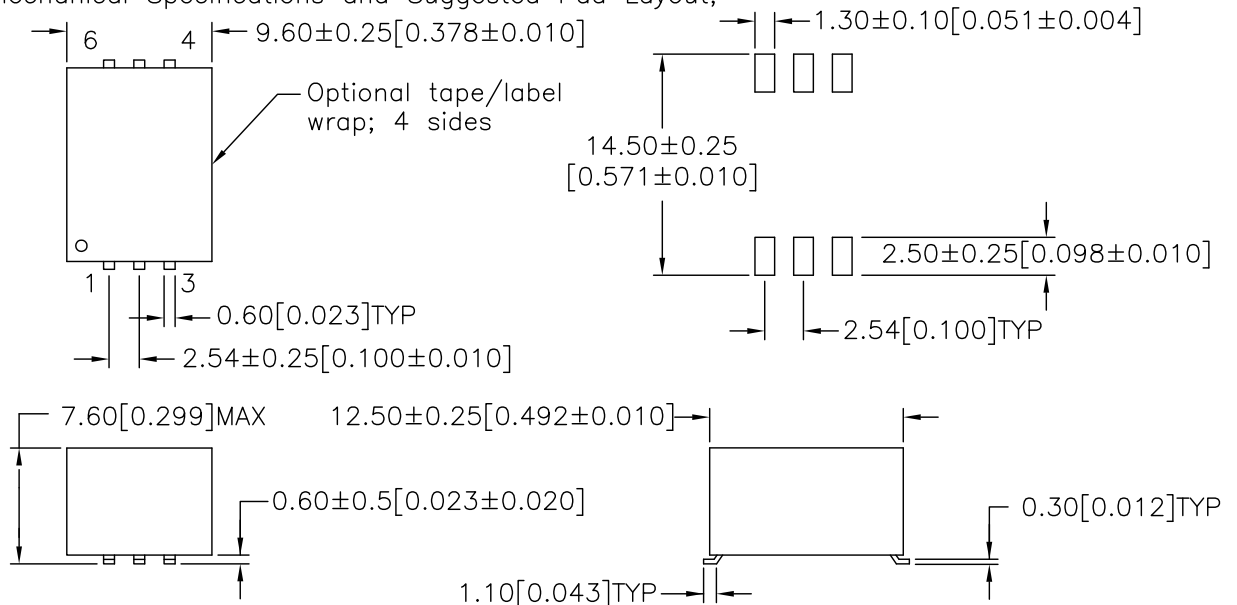
NOTE: Board washing is not recommended for these parts.

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;



PREPARED BY:

C. POPPE

ENGINEER:

MATHI P.

SAFETY ENGINEER

DRAWING CONTROL NO.
P-A1-13339

REV
B

MODEL DESCRIPTION
TELECOMMUNICATION
TRANSFORMER

MODEL SPECIFICATION
TTC-5033

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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APPROVED:

M. PITCHAI

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