

REV. Status

REVISION –
04/30/04 MPREVISION A
ADDED REFLOW
PROFILE & RoHS
11/13/07 YSREVISION B
REVISED TEMP
RATING
06/09/15 MP

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

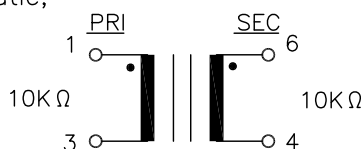
MODEL NUMBER

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

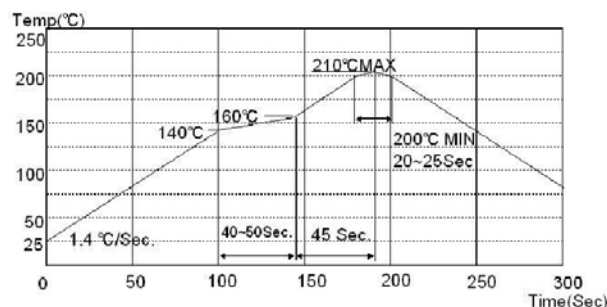
- D. Schematic;



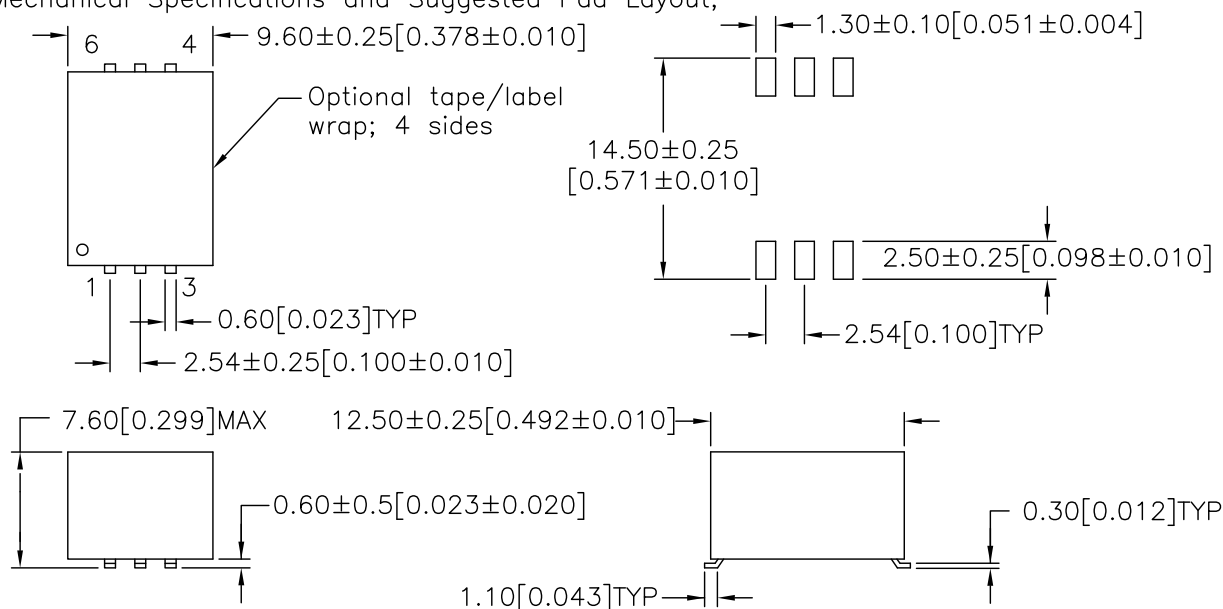
- E. Operating Temperature: –20 to +85°C
Storage Temperature: –20 to +85°C

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

NOTE: Board washing is not recommended for these parts.



- 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

TAMURA CORPORATION OF AMERICA
1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029
(951) 699-1270 FAX 7607400536

MODEL SPECIFICATION

TTC-5033

DIM: mm[In] SCL: 2/1 SH: 1 OF 1

APPROVED:

M. PITCHAI

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