REV. Status

REVISION –
04/30/04 MP

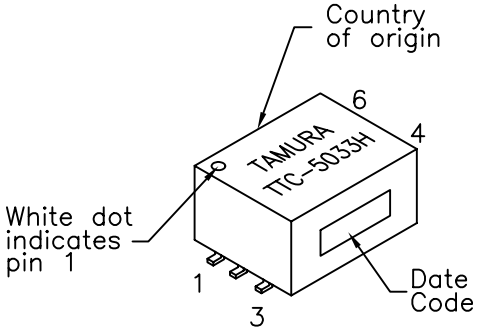
MINIATURE ENCAPSULATED TELECOMMUNICATION HIGH IMPEDANCE TRANSFORMER

MODEL NUMBER
TTC–5033

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

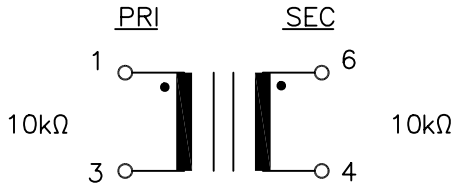
® UL# E208555



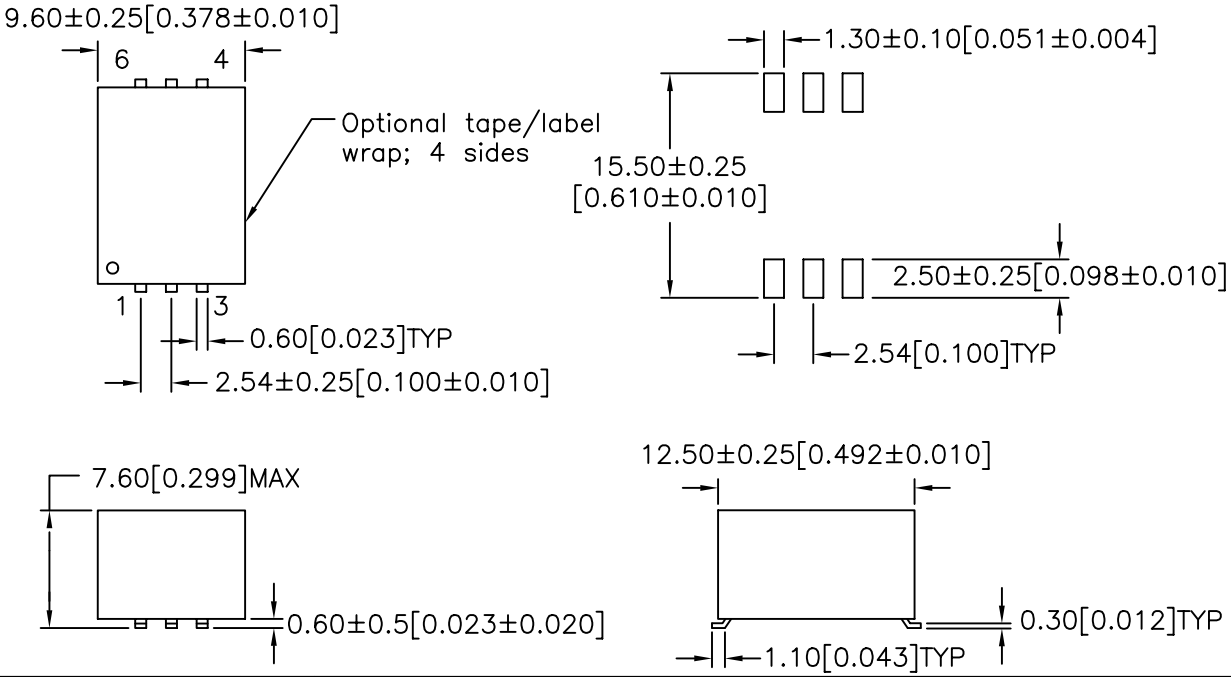
B. Marking; TTC–5033H, TAMURA, date code and country of origin
"H" designates Safety Agency Approved family classification.

C. Safety; Certified to UL1950 3rd Edition, UL60950, EN60950

D. Schematic;



E. Mechanical Specifications and Suggested Pad Layout;



PREPARED BY: D. Rund					
ENGINEER: M. Pitchai	DWG CONTROL NO. P–A1–13339 ACAD\TTC\A1133391.DWG	REV –	TELECOMMUNICATION TRANSFORMER	TTC–5033 MODEL SPECIFICATION	
QUALITY CONTROL: T. Clem	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE		TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590–6624 (909) 699–1270 FAX 9096769482	DIM: mm(In)	SCL: 2/1 SH: 1 OF 1
APPROVED: J. Coleman					