

REV. Status
 PRELIMINARY
 04/25/00 JC

PRELIMINARY 1
 CHANGED A.1-
 A.5, A.7, A.8
 AND SCHEMATIC.
 06/27/00 LL

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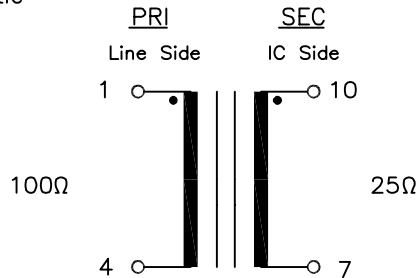
ADSL transformer designed for use with Texas Instrument IC chip set TNETD4000C

- A. Electrical Specifications (@ 25° C)
1. Primary (Line side) Impedance; 100Ω
 2. Secondary (IC side) Impedance; 25Ω
 3. Frequency Response; ±0.5dB MAX @ 100KHz to 1.1MHz 0dBm
 4. Primary Open Circuit Inductance; 75μH ±5% @ 100KHz, 1Vrms Measured 1-4
 5. Leakage Inductance; 12.0μH MAX @ 100KHz, 0.1Vrms Measured 1-4 with (7-10) shorted
 6. Innerwinding Capacitance; 35pF MAX Measured 1-10
 7. DC Resistance;
 - (1-4)=2.0Ω MAX
 - (7-10)=0.55Ω MAX
 8. Turns Ratio; (1-4):(7-10) = 2:1±2%
 9. Dielectric Strength; 2KV 1 second @ Pri to Sec
 10. Total Harmonic Distortion; -80dB MAX @ 100KHz

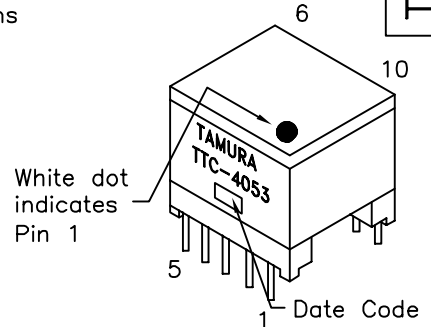
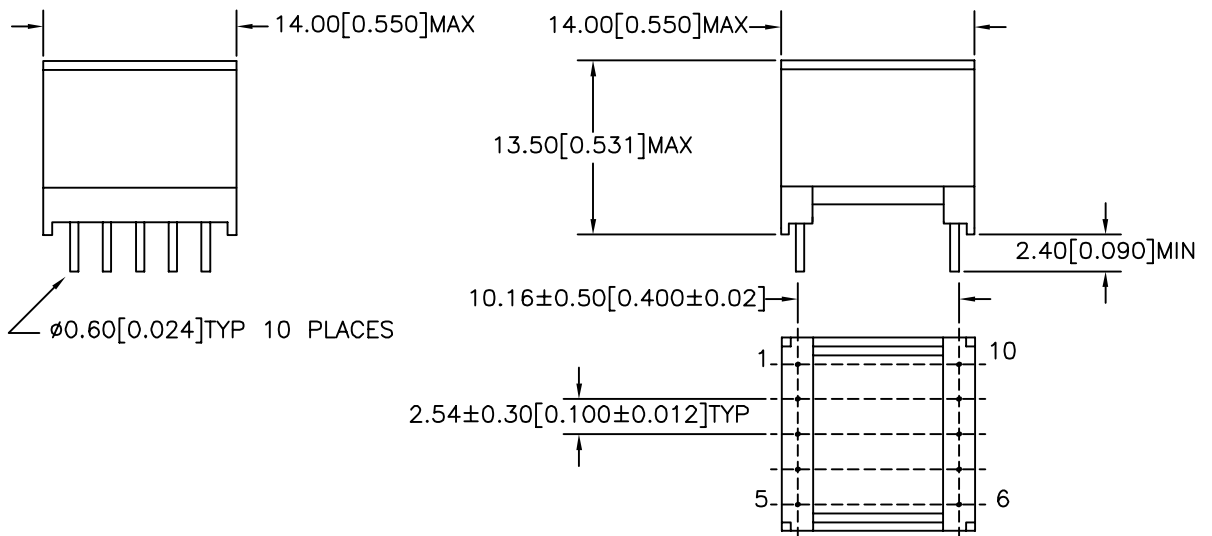
B. Marking; TTC-4053, TAMURA, date code and country of origin

C. Safety: Complies with UL1950 3rd Edition

D. Schematic



E. Mechanical Specifications



PREPARED BY:

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ENGINEER:

L. Le

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
 P-A1-12478
 ACAD\TTC\A1124781.DWG

REV
 PR1

ADSL THROUGH HOLE
 TRANSFORMER

TAMURA CORPORATION OF AMERICA
 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
 (909) 699-1270 FAX 9096769482

TTC-4053

MODEL SPECIFICATION

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

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