



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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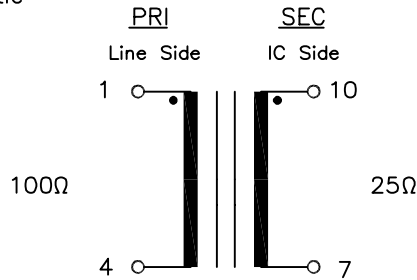
ADSL transformer designed for use with Texas Instrument IC chip set TNETD4000C

- 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

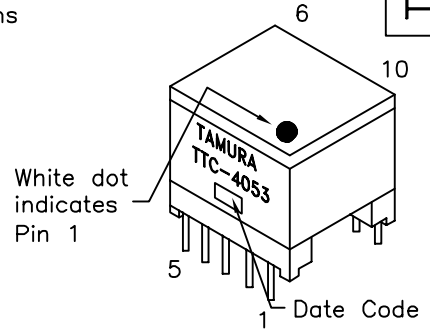
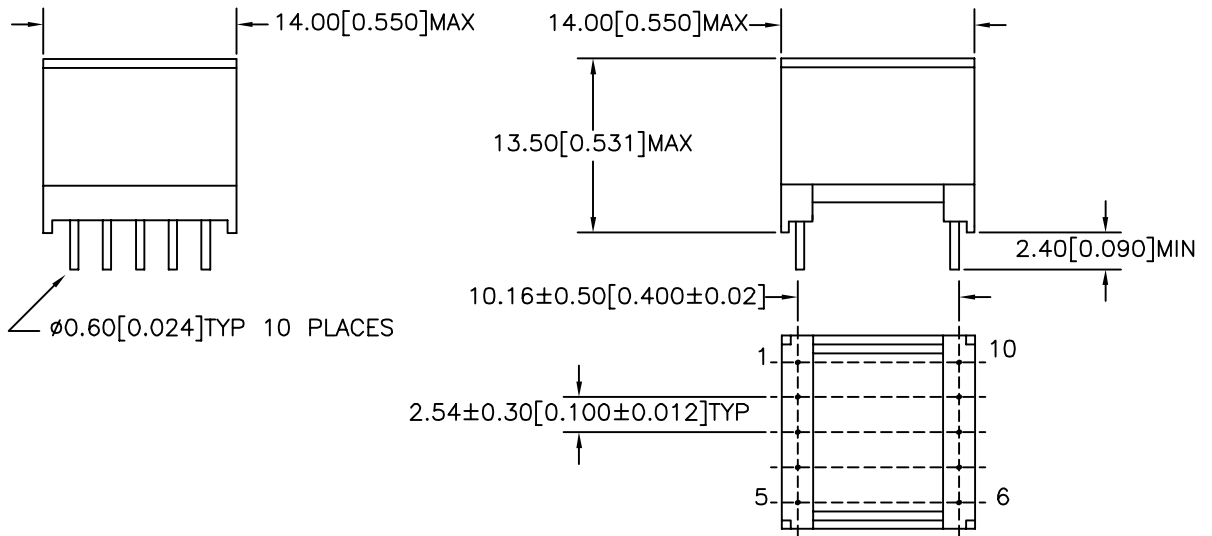
B. Marking; TTC-4053, TAMURA, date code and country of origin

C. Safety: Complies with UL1950 3rd Edition

D. Schematic



E. Mechanical Specifications



MODEL NUMBER
TTC-4053

PREPARED BY:

D. Rund

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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