

REV. Status

PRELIMINARY
02/03/00 MPPRELIMINARY 1
CHANGED
PKG. TYPE
08/22/00 MP

ADSL transformer designed for use with Lucent ADSL IC chip Wildwire

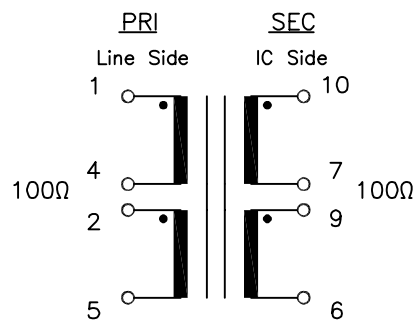
A. Electrical Specifications (@ 25°C)

1. Primary (Line side) Impedance; 100Ω
2. Secondary (IC side) Impedance; 100Ω
3. Primary Open Circuit Inductance; 1.27mH $\pm 7\%$ @ 10KHz, 0.05Vrms
Measured (1-5) with 2 and 4 shorted
4. Leakage Inductance; 12μH MAX @ 100KHz, 0.05Vrms
Measured (1-5) with 2 & 4, 7 & 9 and 6 & 10 shorted
5. DC Resistance;
(1-5)=1.0Ω MAX (2 & 4 shorted)
(6-10)=1.0Ω MAX (7 & 9 shorted)
6. Turns Ratio; (10-6):(1-5)=1:1.00 $\pm 2\%$
2 & 4, 7 & 9 shorted
7. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

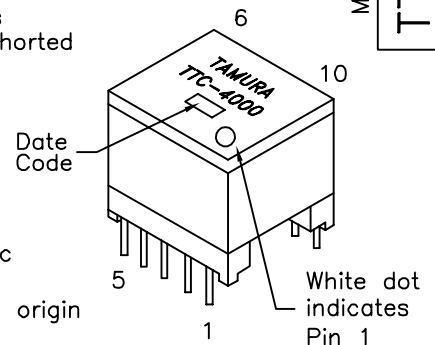
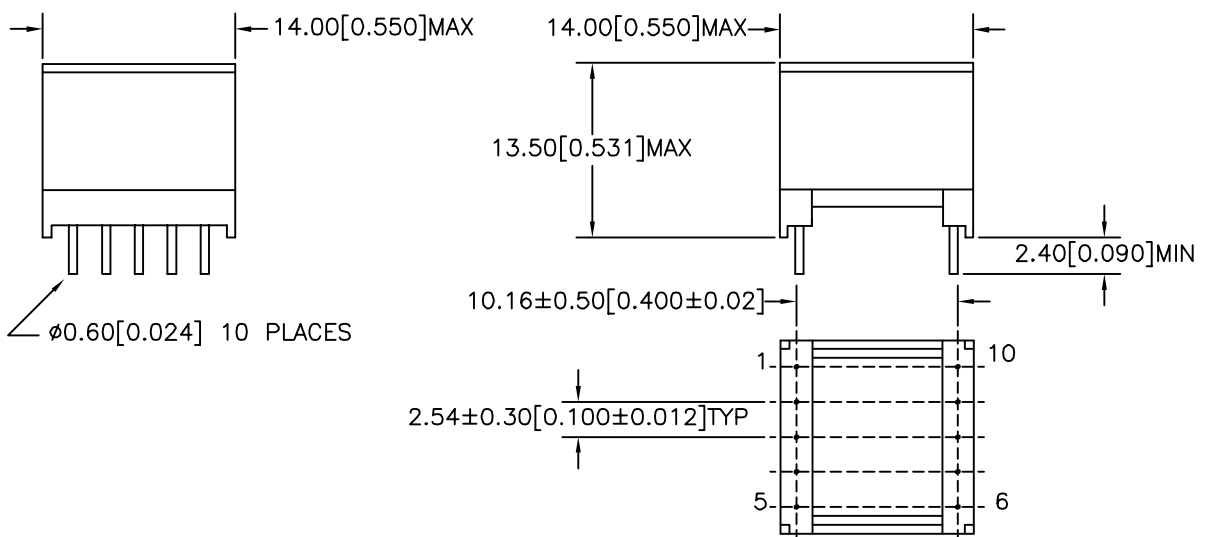
B. Marking; TTC-4000, TAMURA, date code and country of origin

C. Safety; Complies with UL1950 3rd Edition

D. Schematic;



E. Mechanical Specifications



MODEL NUMBER

TTC-4000

PREPARED BY:

D. Rund

ENGINEER:

L. Le

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.

P-A1-12345
ACAD\TTC\A1123451.DWG

REV

PR1

ADSL

TRANSFORMER

TAMURA CORPORATION OF AMERICA

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

TTC-4000

MODEL SPECIFICATION

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

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