

## Excellent Integrated System Limited

Stocking Distributor

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[Tamura](#)

[TTC-4071](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

REV. Status  
 PRELIMINARY  
 11/02/00 MP

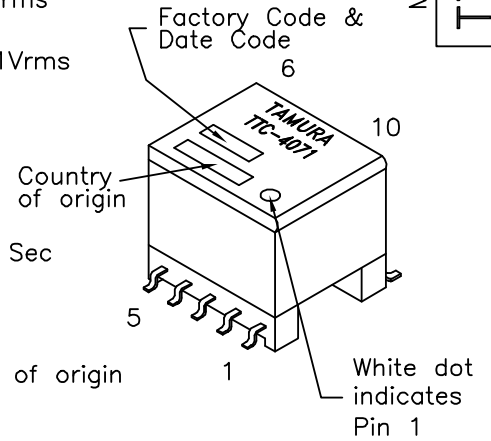
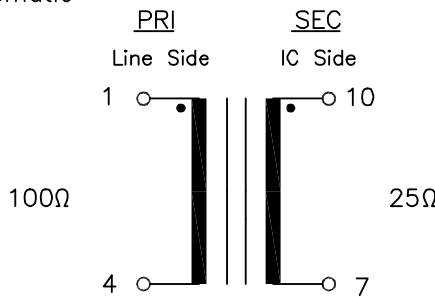
ADSL transformer designed for use with Texas Instrument IC chip set TNETD4000C

- A. Electrical Specifications (@ 25° C)
1. Primary (Line side) Impedance; 100Ω
  2. Secondary (IC side) Impedance; 25Ω
  3. Primary Open Circuit Inductance; 75μH ±5% @ 100KHz, 1Vrms Measured (1-4)
  4. Leakage Inductance; 12.0μH MAX @ 100KHz, 0.1Vrms Measured (1-4) with 7 & 10 shorted
  5. Innerwinding Capacitance; 35pF MAX @100KHz, 0.1Vrms Measured 1-10
  6. DC Resistance;
    - (1-4)=2.0Ω MAX
    - (7-10)=0.55Ω MAX
  7. Turns Ratio; (10-7):(1-4) = 1:2.00±2%
  8. Dielectric Strength; 2000Vrms 1 second @ Pri to Sec
  9. Total Harmonic Distortion; -80dB MAX @ 100KHz

B. Marking; TTC-4071, TAMURA, date code and country of origin

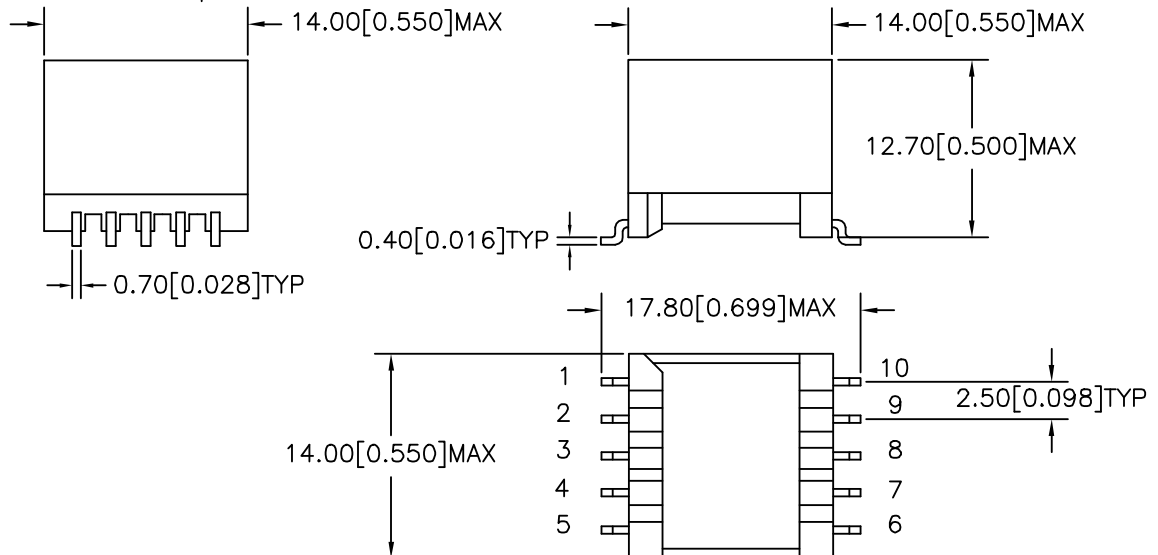
C. Safety: Complies with UL1950 3rd Edition

D. Schematic



MODEL NUMBER  
**TTC-4071**

E. Mechanical Specifications



PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.  
 P-A1-12646  
 ACAD\TTC\A1126461.DWG

REV  
 PRE

ADSL THROUGH HOLE  
 TRANSFORMER

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

**TTC-4071**

MODEL SPECIFICATION

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

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