

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Tamura](#)

[TTC-4099](#)

For any questions, you can email us directly:

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

REV. Status

PRELIMINARY  
07/10/01 MP

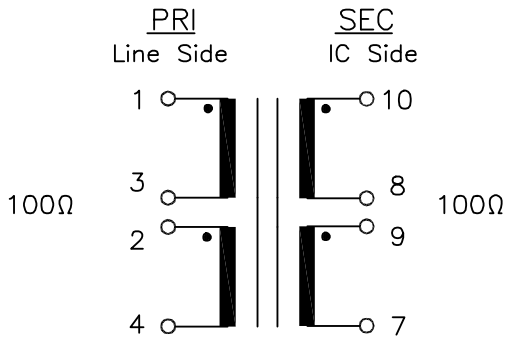
ADSL transformer designed for use with Centillium IC chip CTL21DT01/L10AT01

- A. Electrical Specifications (@ 25°C)
1. Primary (Line side) Impedance; 100Ω
  2. Secondary (IC side) Impedance; 100Ω
  3. Frequency Response; ±0.5dB @ 100KHz to 1.1MHz, 0dBm
  4. Insertion Loss; 0.5dB MAX @ 100KHz and 1.1MHz, 0dBm
  5. Longitudinal Balance; 40dB MIN @ 30KHz to 1.1MHz, 0dBm
  6. Primary Open Circuit Inductance; 455μH ±6% @ 10KHz, 0.1Vrms Measured (1-4) with 2 and 3 shorted
  7. Leakage Inductance; 5μH MAX @ 100KHz, 0.1Vrms Measured (1-4) with 2 & 3, 8 & 9 and 7 & 10 shorted
  8. Total Harmonic Distortion; -72dB MAX @ 10KHz
  9. DC Resistance; (1-4)=0.8Ω MAX, with 2 & 3 shorted (7-10)=0.6Ω MAX, with 8 & 9 shorted
  10. Turns Ratio; (1-4):(7-10)=1:1.00±2%  
2 & 3, and 8 & 9 shorted
  11. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

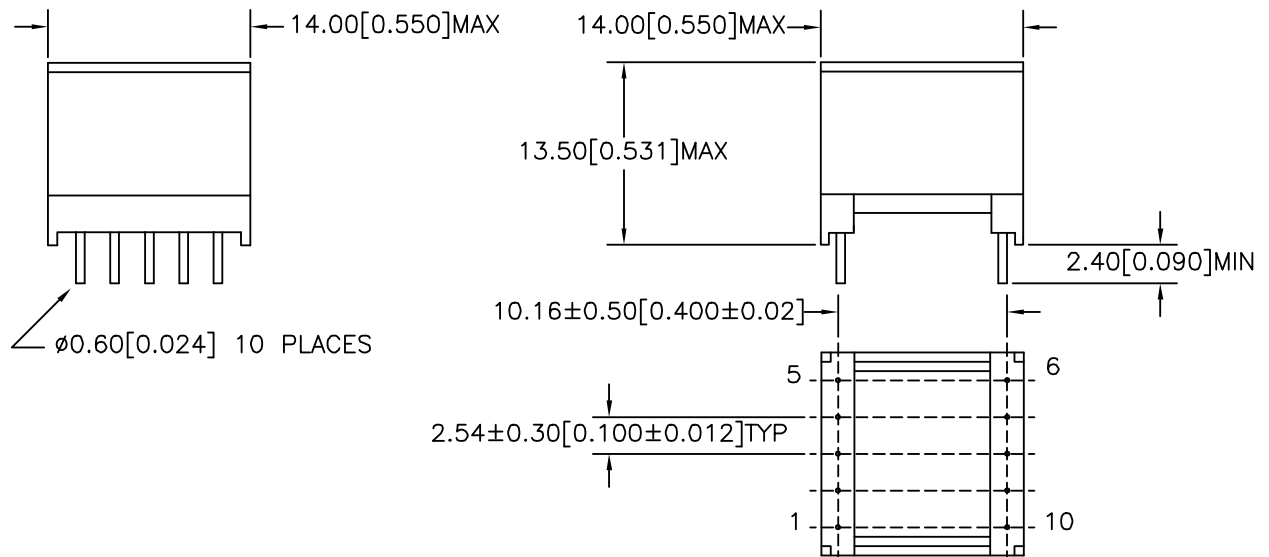
B. Marking; TTC-4099D, TAMURA, date code and country of origin "D" designates UL approved family classification.

C. Safety; UL1950 3rd Edition, UL60950

D. Schematic;

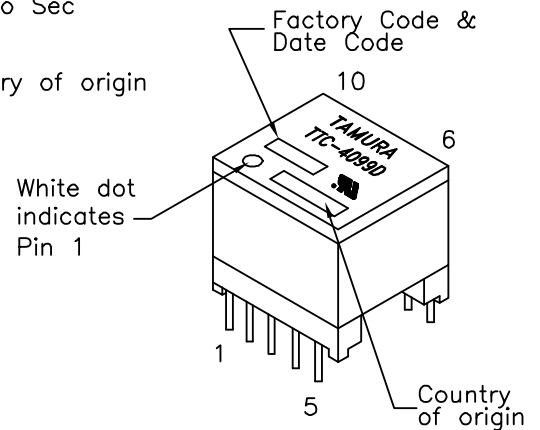


E. Mechanical Specifications;  
Dimensions without tolerances are for reference only.



MODEL NUMBER

TTC-4099



PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO.  
P-A1-12853  
ACAD\TTC\A1128531.DWG

REV  
PRE

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

**TTC-4099**

MODEL SPECIFICATION

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

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