



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!



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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



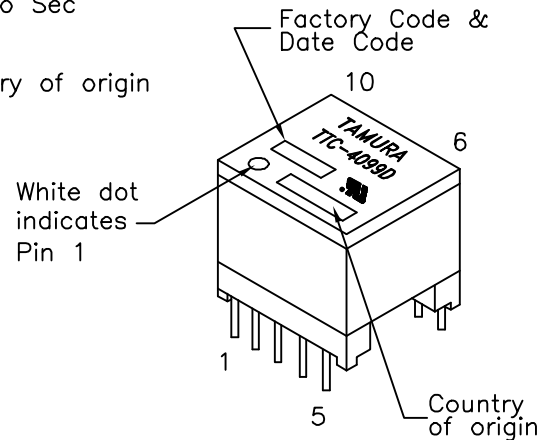
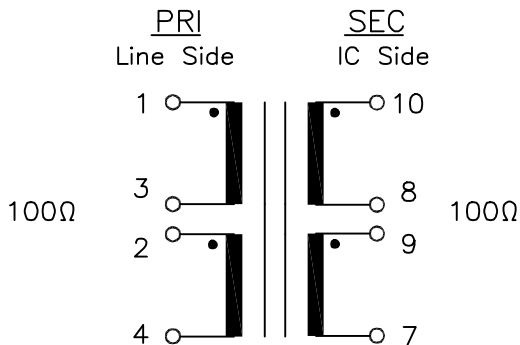
MODEL NUMBER

TTC-4099

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

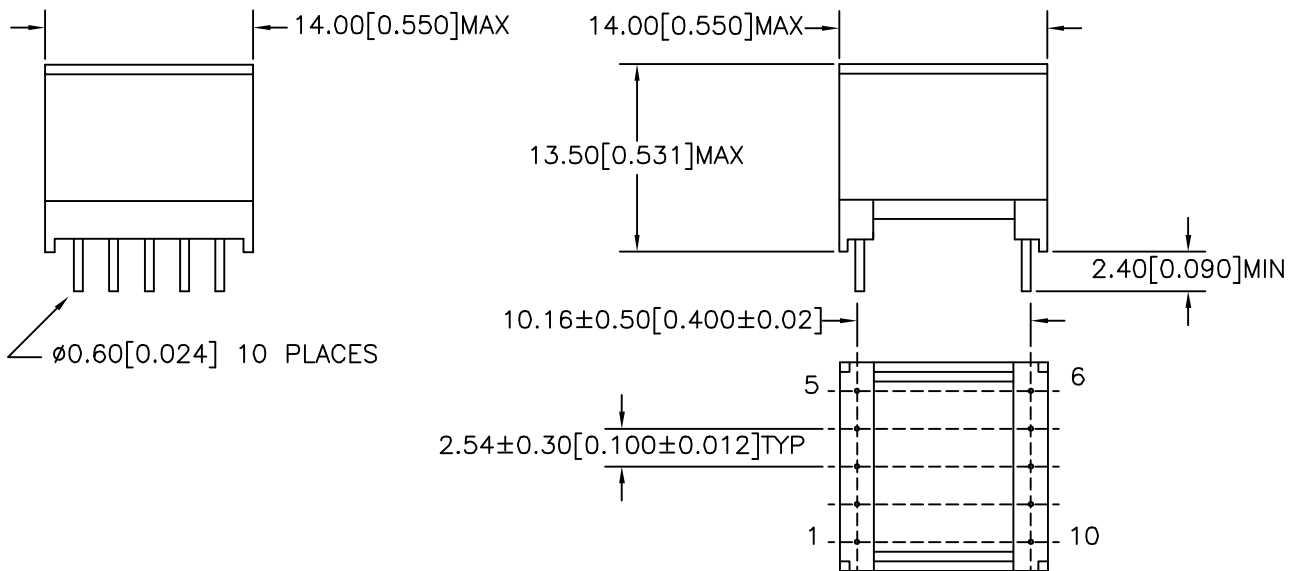
C. Safety; UL1950 3rd Edition, UL60950

D. Schematic;



E. Mechanical Specifications;

Dimensions without tolerances are for reference only.



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

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TTC-4099

MODEL SPECIFICATION

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

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