



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  
 01/16/01 MP  
 PRELIMINARY 1  
 ADDED UL  
 APPROVAL  
 01/24/01 JC  
 PRELIMINARY 2  
 ADDED UL  
 MARKING TO ISO  
 02/09/01 MP  
 PRELIMINARY 3  
 CHANGED 4  
 FROM 1.5mH  
 03/01/01 MP

ADSL transformer for use with Texas Instruments ADSL IC chip TNET5000P CPE side

- A. Electrical Specifications (@ 25°C)
1. Primary (Line side) Impedance; 100Ω
  2. Secondary (IC side) Impedance; 25Ω
  3. Longitudinal Balance; 60dB MIN @ 100KHz, 0dBm (Per ITU method pin 10 grounded)
  4. Primary Open Circuit Inductance; 1.52mH ±5% @ 10KHz, 0.1Vrms Measured (1-4)
  5. Leakage Inductance; 15μH MAX @ 100KHz, 0.1Vrms Measured (1-4) with 7 & 10 shorted
  6. Interwinding Capacitance: 35pF MAX @ 100KHz, 0.1Vrms Measured (1-10)
  7. Total Harmonic Distortion; -80dB MAX @ 100KHz
  8. DC Resistance; (1-4)=2.0Ω MAX (7-10)=0.55Ω MAX
  9. Turns Ratio; (10-7):(1-4)=1:1.95±2%
  10. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

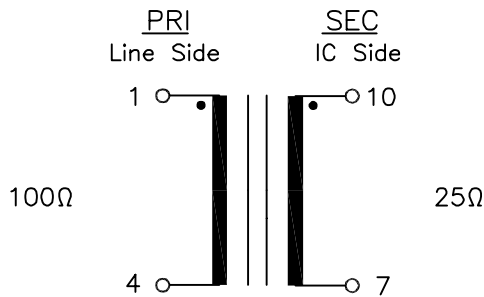
  
 UL# E208555

MODEL NUMBER  
**TTC-4069**

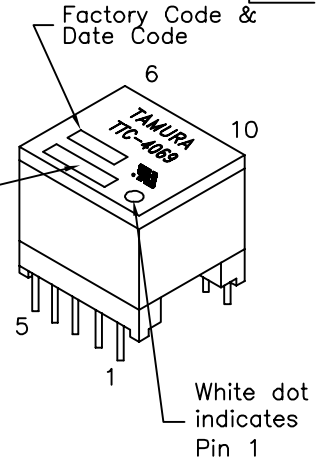
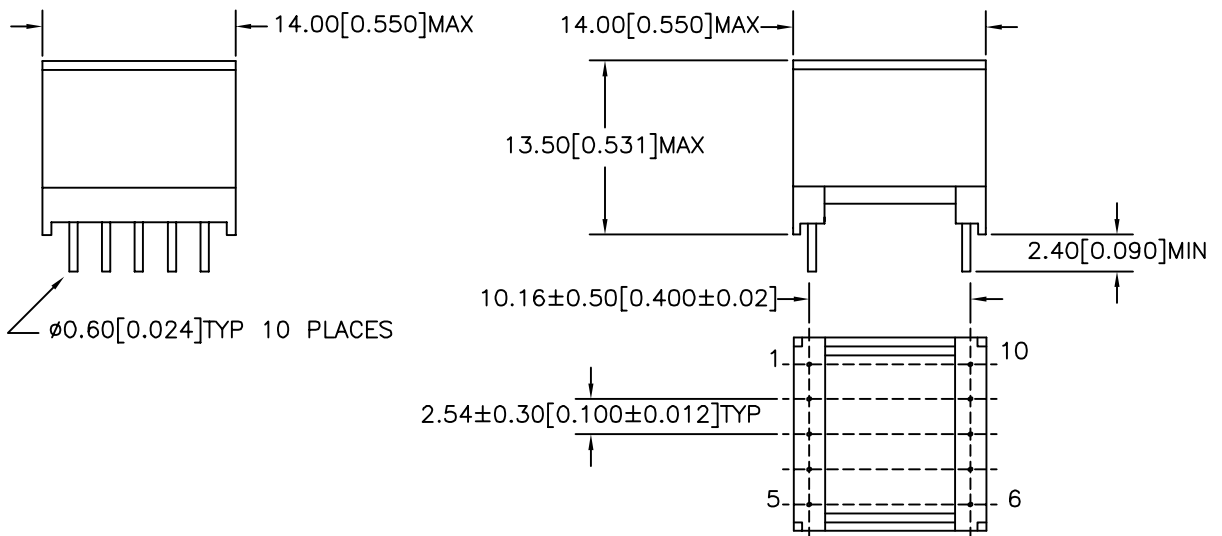
B. Marking; TTC-4069, TAMURA, date code and country of origin

C. Safety; Approved to UL1950 3rd Edition, File No. E208555  
 Complies with IEC950

D. Schematic;



E. Mechanical Specifications;



PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.  
 P-A1-12648  
 ACAD\TTC\A1126481.DWG

REV  
**PR3**

ADSL  
 TRANSFORMER

**TTC-4069**

MODEL SPECIFICATION

CONTENTS OF THIS DRAWING ARE  
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 PRIOR NOTICE

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

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