



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  
 REVISION -  
 10/25/00 MP  
 REVISION A  
 CHANGED A.9.  
 03/05/01 MP

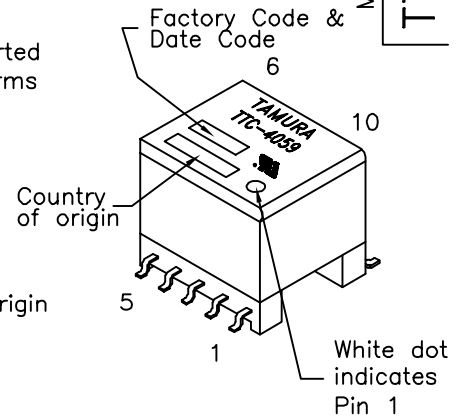
ADSL transformer designed for use with Globespan IC chip G7000 (CPE Side)

A. Electrical Specifications (@ 25°C)

1. Primary (Line side) Impedance; 100Ω
2. Secondary (IC side) Impedance; 100Ω
3. Insertion Loss; 0.5dB MAX @ 772KHz, 0dBm
4. Longitudinal Balance; 40dB MIN @ 20KHz to 1.1MHz, 0dBm (Per ITU method pin 10 grounded)
5. Primary Open Circuit Inductance; 430μH ±10% @ 10KHz, 0.1Vrms Measured (1-5) with 2 and 4 shorted
6. Leakage Inductance; 10μH MAX @ 100KHz, 0.1Vrms Measured (1-5) with 2 & 4, 7 & 9 and 6 & 10 shorted
7. Total Harmonic Distortion; -85dB TYP @ 100KHz, 2.5Vrms
8. DC Resistance; (1-5)=0.90Ω MAX, with 2 & 4 shorted (6-10)=0.7Ω MAX, with 7 & 9 shorted
9. Turns Ratio; (6-10):(1-5)=1:1.00±2%  
2 & 4, and 7 & 9 shorted
10. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

  
 UL# E208555

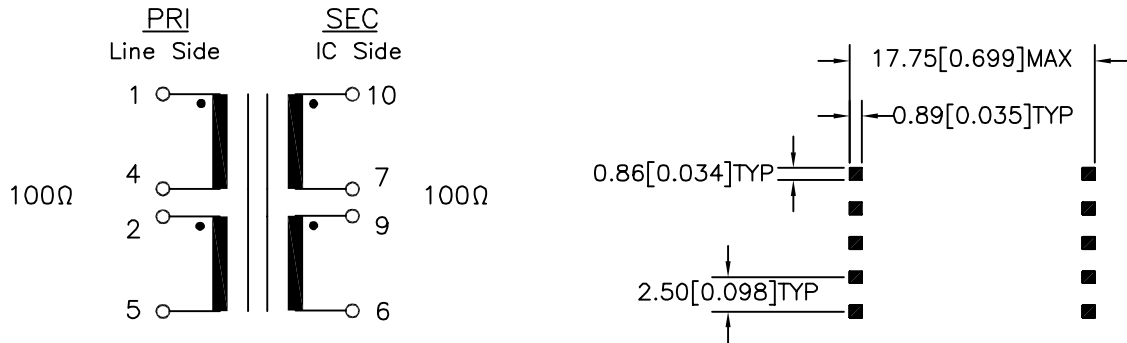
MODEL NUMBER  
**TTC-4059**



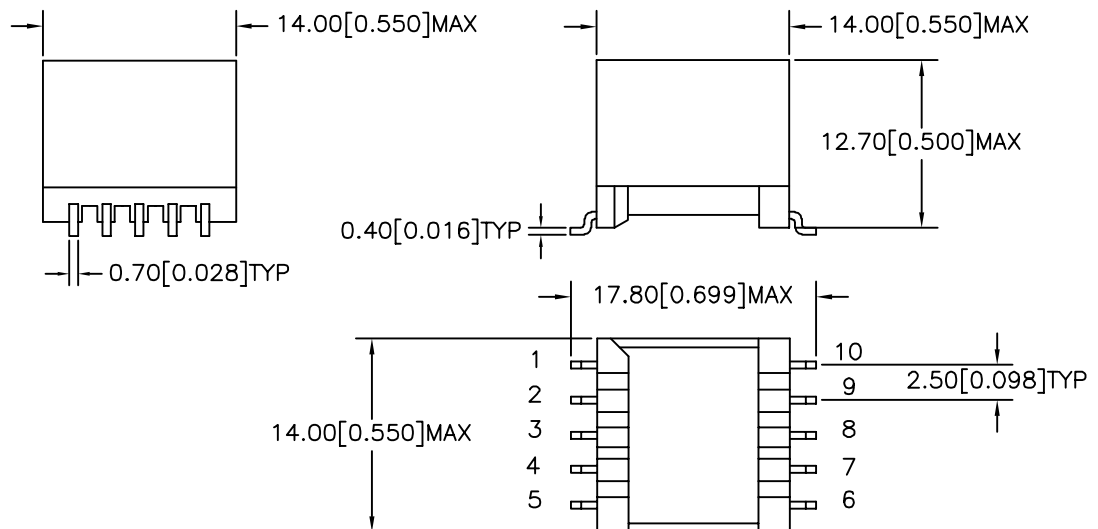
B. Marking; TTC-4059, TAMURA, date code and country of origin

C. Safety; UL1950 3rd Edition

D. Schematic;



E. Mechanical Specifications;



PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.  
 P-A1-12566  
 ACAD\TTC\A1125661.DWG

REV  
**A**

ADSL  
 TRANSFORMER

**TTC-4059**

CONTENTS OF THIS DRAWING ARE  
 SUBJECT TO CHANGE WITHOUT  
 PRIOR NOTICE

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MODEL SPECIFICATION

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

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