



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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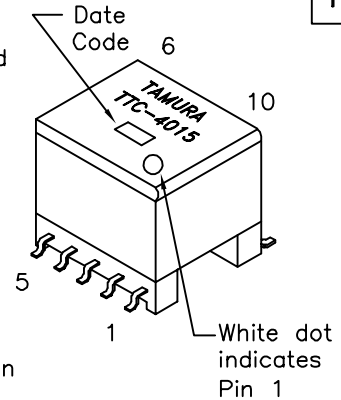


REV. Status  
 PRELIMINARY  
 02/03/00 MP  
 PRELIMINARY 1  
 CHANGED ISO  
 AND E.  
 07/31/00 MP

ADSL transformer designed for use with Analog Device ADSL IC chip AD20MSP910

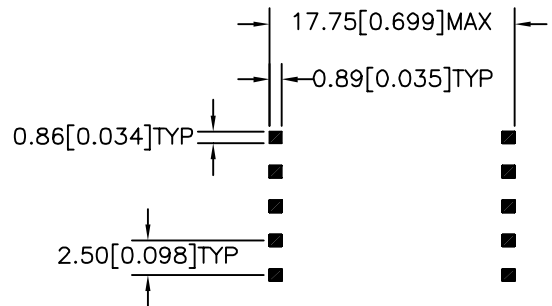
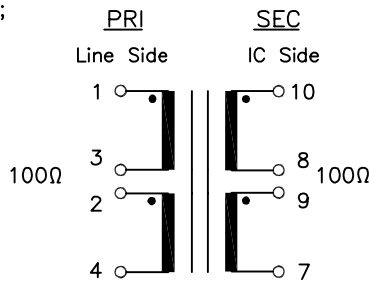
MODEL NUMBER  
**TTC-4015**

- A. Electrical Specifications (@ 25°C)
1. Primary (Line side) Impedance; 100Ω
  2. Secondary (IC side) Impedance; 100Ω
  3. Frequency Response; ±1.1dB @ 30KHz to 1.1MHz, 0dBm
  4. Insertion Loss; 0.5dB MAX @ 100KHz, 0dBm
  5. Longitudinal Balance; 40dBm MIN @ 1KHz TO 1MHz, 0dBm (Per ITU method pin 7 grounded)
  6. Primary Open Circuit Inductance; 5.0mH ±10% @ 10KHz, 1.0Vrms Measured (1-4) with 2 and 3 shorted
  7. Leakage Inductance; 16μH MAX @ 100KHz, 0.1Vrms Measured (1-4) with 2 & 3, 8 & 9 and 7 & 10 shorted
  8. Total Harmonic Distortion; -80dB MAX @ 30KHz
  9. DC Resistance; (1-4)=3.0Ω MAX, with 2 & 3 shorted (7-10)=3.0Ω 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

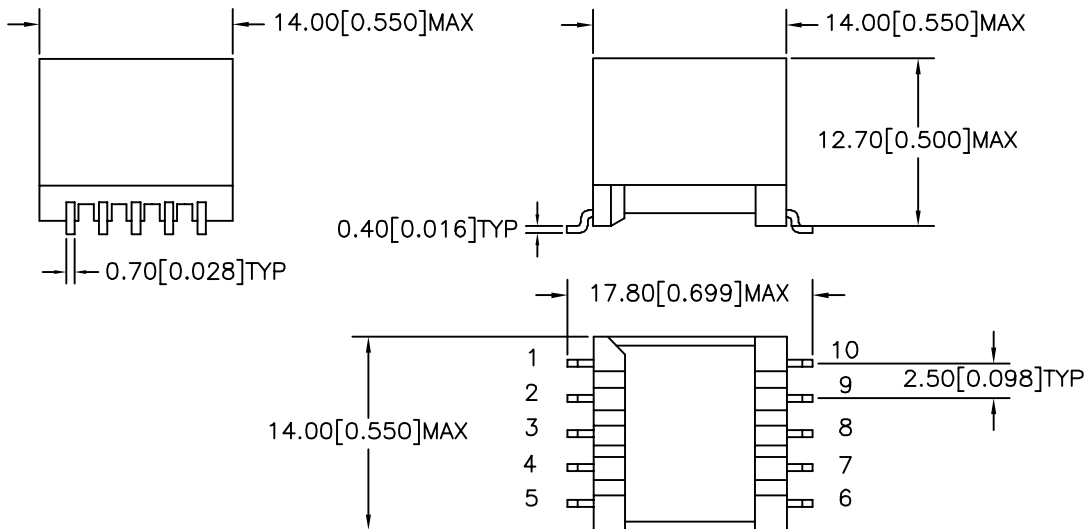


- B. Marking; TTC-4015, TAMURA, date code and country of origin  
 C. Safety; Complies with UL1950 3rd Edition and IEC950

D. Schematic;



E. Mechanical Specifications;



PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.  
 P-A1-12351  
 ACAD\TTC\A1123511.DWG

REV  
 PR1

ADSL  
 TRANSFORMER

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

**TTC-4015**

MODEL SPECIFICATION

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

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