



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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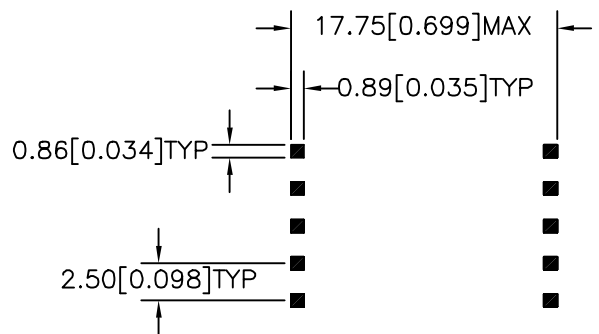
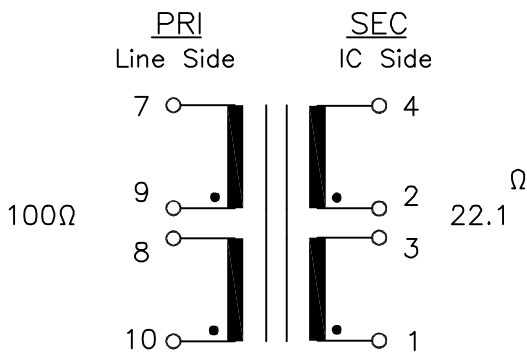
REV. Status

PRELIMINARY 07/10/00 MP
PRELIMINARY 1 ADDED VALUES TO T.B.D.'s 09/08/00 MP
PRELIMINARY 2 CHANGED A.3-A.7, A.8, C, D & MARKING ON ISO DWG. 06/05/01 MP
PRELIMINARY 3 ADDED "G" TO P/N TO INDICATE UL FAMILY CLASS. 07/16/01 MP
PRELIMINARY 4 CHANGED DESCRIPTION 07/20/01 MP

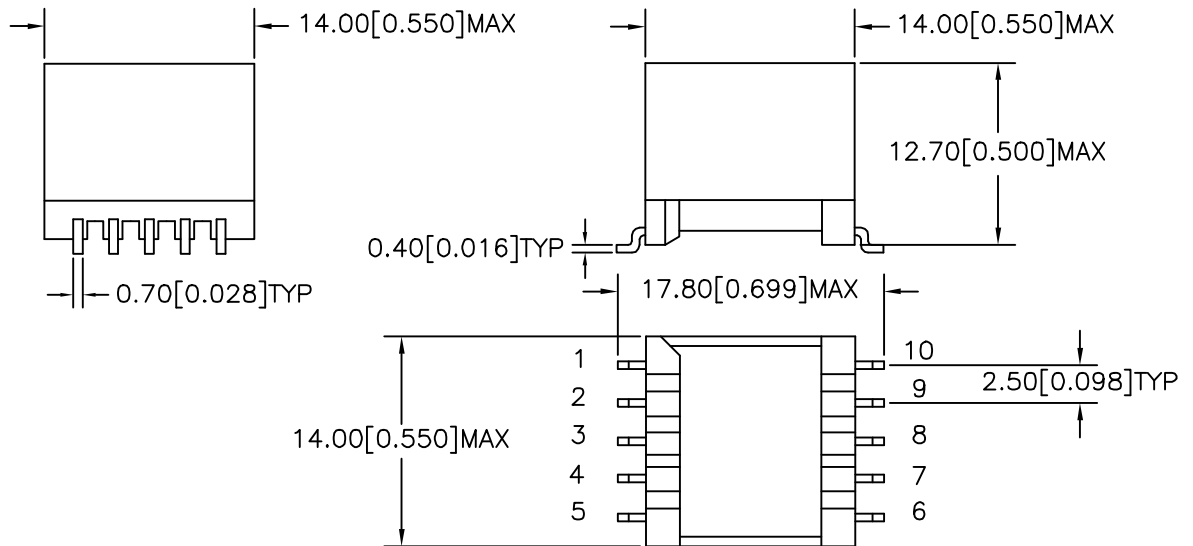
ADSL transformer designed for use with Centillium IC chips
CT-L52DU81 (CPE Side), CT-L42DU30 (CPE Side)

- A. Electrical Specifications (@ 25°C)
1. Primary (Line side) Impedance; 100Ω
 2. Secondary (IC side) Impedance; 22.1Ω
 3. Frequency Response; ±1.0dB @ 30KHz to 1.1MHz, 0dBm
 4. Insertion Loss; 0.5dB MAX @ 100KHz, 0dBm
 5. Longitudinal Balance; 40dB MIN @ 30KHz to 1.1MHz, 0dBm (Per ITU method pin 4 grounded)
 6. Primary Open Circuit Inductance; 5.0mH ±10% @ 10KHz, 0.1Vrms Measured (10-7) with 8 and 9 shorted
 7. Leakage Inductance; 12μH MAX @ 100KHz, 0.1Vrms Measured (10-7) with 2 & 3, 8 & 9 and 1 & 4 shorted
 8. Total Harmonic Distortion; -80dB MAX @ 40KHz
 9. DC Resistance; (1-3)=0.350Ω MAX
(2-4)=0.400Ω MAX
(9-7)=1.750Ω MAX
(10-8)=1.750Ω MAX
 10. Turns Ratio; (1-4):(10-7)=1:2.125±2%
2 & 3, and 8 & 9 shorted
 11. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

- B. Marking; TTC-4058G, TAMURA, date code and country of origin "G" designates UL approved family classification
- C. Safety; Complies with UL1950 3rd Edition, UL60950
- D. Schematic;



E. Mechanical Specifications;



UL# E208555

Factory Code & Date Code

Country of origin

White dot indicates Pin 1

MODEL NUMBER

TTC-4058

PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO. P-A1-12528
ACAD\TTC\A1125281.DWG

REV PR4

ADSL TRANSFORMER

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

TTC-4058

MODEL SPECIFICATION

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

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