



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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ADSL transformer designed for use with Alcatel Microelectronics IC chips MTK-20450, MTK-20164 and MTK-20156

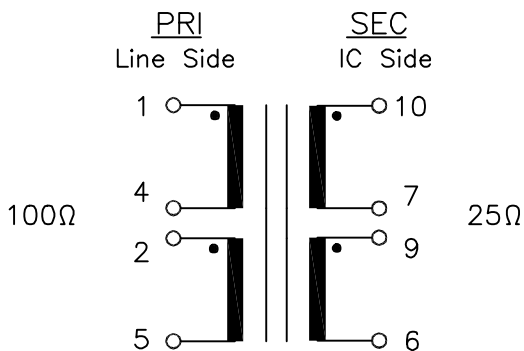
A. Electrical Specifications (@ 25°C)

1. Primary (Line side) Impedance; 100Ω
2. Secondary (IC side) Impedance; 25Ω
3. Longitudinal Balance; 50dB MIN @ 20KHz to 1.1MHz, 0dBm
4. Primary Open Circuit Inductance; 409.5μH ±5% @ 10KHz, 0.1Vrms Measured (1-5) with 2 and 4 shorted
5. Leakage Inductance; 6.5μH MAX @ 100KHz, 0.1Vrms Measured (1-5) with 2 & 4, 7 & 9 and 10 & 7 shorted
6. Total Harmonic Distortion; -78 MAX @ 30KHz, 20dBm
7. DC Resistance; (1-4)=0.684Ω MAX
(2-5)=0.684Ω MAX
(9-6)=0.336Ω MAX
(10-7)=0.336Ω MAX
8. Turns Ratio; (10-6):(1-5)=1:2.00±2%
2 & 4, and 7 & 9 shorted
9. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

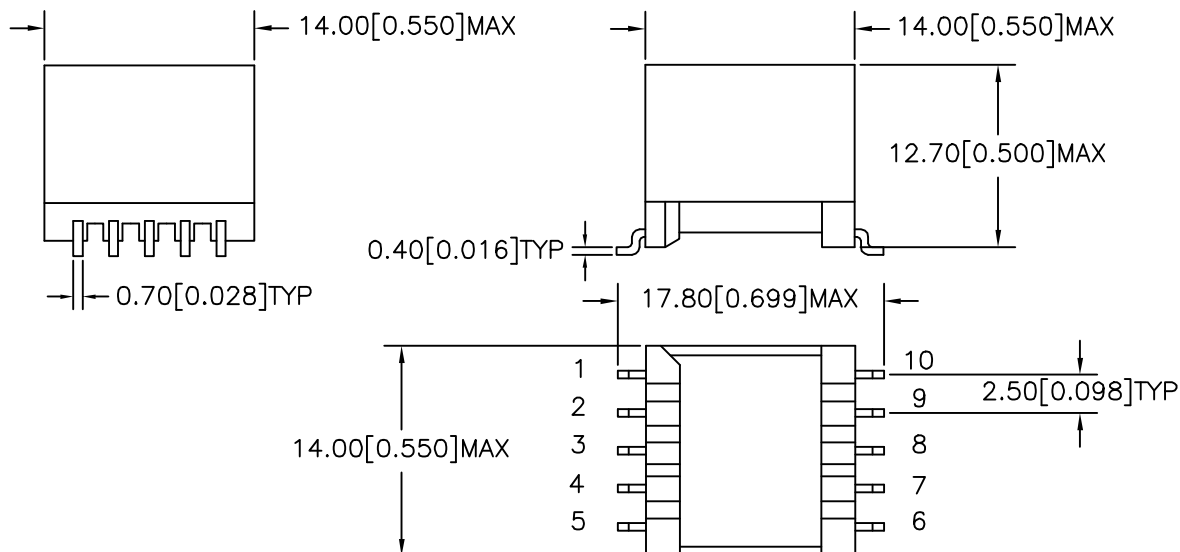
B. Marking; TTC-4082D, TAMURA, date code and country of origin "D" designates UL approved family classification.

C. Safety; UL1950 3rd Edition, UL60950, EN60950

D. Schematic and Mounting Footprint;



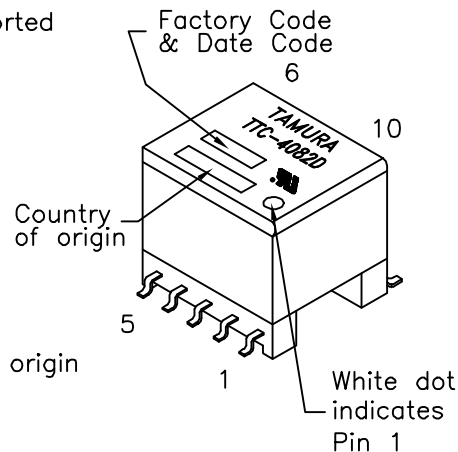
E. Mechanical Specifications;



UL# E208555

MODEL NUMBER

TTC-4082



PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-12730
ACAD\TTC\A1127301.DWG

REV
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ADSL
TRANSFORMER

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

TTC-4082

MODEL SPECIFICATION

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

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