



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!



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REV. Status
 REVISION -
 04/17/01 MP

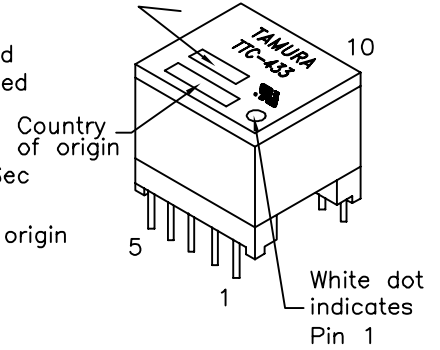
ADSL transformer designed for use with Alcatel IC chip MTK-20140 (CO Side)

- A. Electrical Specifications (@ 25°C)
1. Primary (Line side) Impedance; 100Ω
 2. Secondary (IC side) Impedance; 25Ω
 3. Frequency Response; ±0.5dB @ 100KHz to 1.1MHz, 0dBm
 4. Insertion Loss; 1.0dB MAX @ 100KHz and 1.1MHz, 0dBm
 5. Longitudinal Balance; 40dB MIN @ 30KHz to 1.1MHz, 0dBm
 6. Primary Open Circuit Inductance; 410μH ±10% @ 10KHz, 0.1Vrms
Measured (1-4) with 2 and 3 shorted
 7. Leakage Inductance; 6.5μH MAX @ 300KHz, 0.1Vrms
Measured (1-4) with 2 & 3, 8 & 9 and 7 & 10 shorted
 8. Total Harmonic Distortion; -72dB MAX @ 20KHz
 9. DC Resistance; (1-4)=0.6Ω MAX, with 2 & 3 shorted
(7-10)=0.3Ω MAX, with 8 & 9 shorted
 10. Turns Ratio; (7-10):(1-4)=1:2.00±2%
2 & 3, and 8 & 9 shorted
 11. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

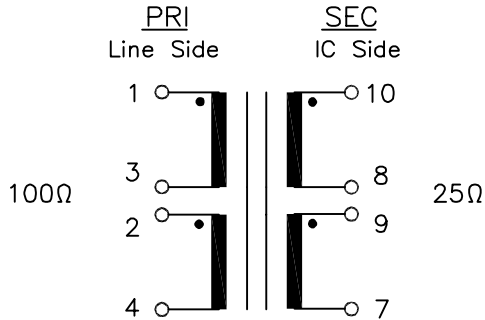

 UL# E208555

Factory Code
& Date Code
6

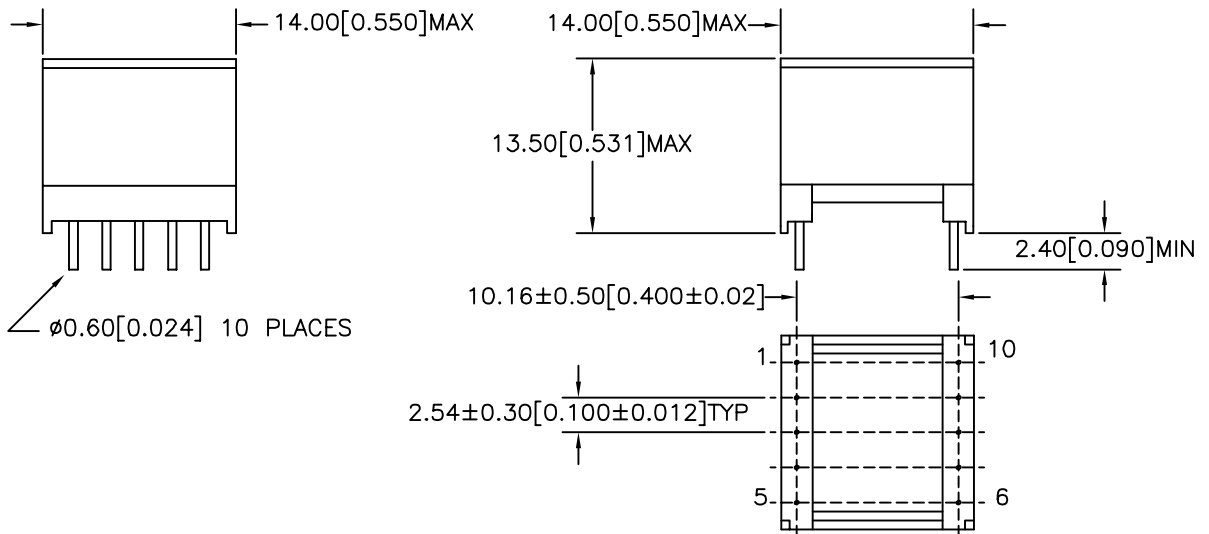
MODEL NUMBER
TTC-433



- B. Marking; TTC-433, TAMURA, date code and country of origin
- C. Safety; UL1950 3rd Edition, UL60950
- D. Schematic;



E. Mechanical Specifications;



PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
 P-A1-12564
 ACAD\TTC\A1125641.DWG

REV
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ADSL
 TRANSFORMER

TTC-433

MODEL SPECIFICATION

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 PRIOR NOTICE

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

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