

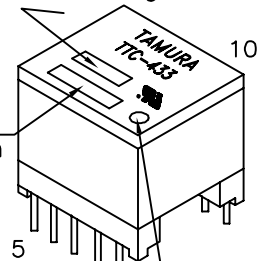
REV. Status
 REVISION -
 04/17/01 MP

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

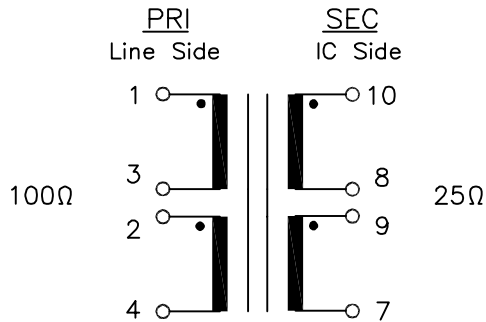
TTC-433

White dot
indicates
Pin 1

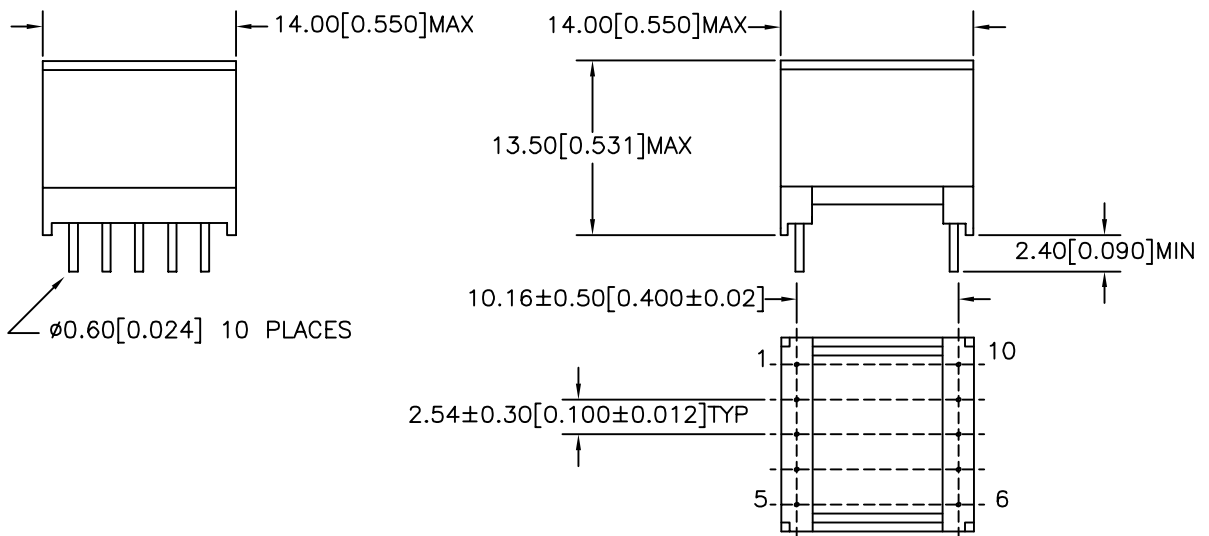
B. Marking; TTC-433, TAMURA, date code and country of origin

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
-

ADSL
TRANSFORMER

TTC-433

MODEL SPECIFICATION

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

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

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