

REV. Status  
 REVISION -  
 04/17/01 MP

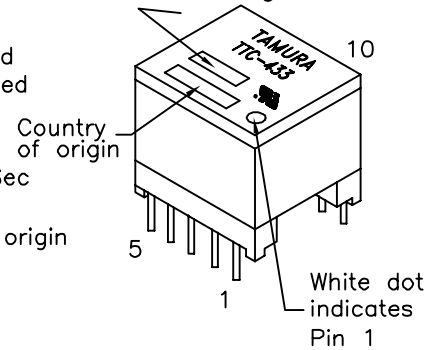
ADSL transformer designed for use with Alcatel IC chip MTK-20140 (CO Side)

- 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

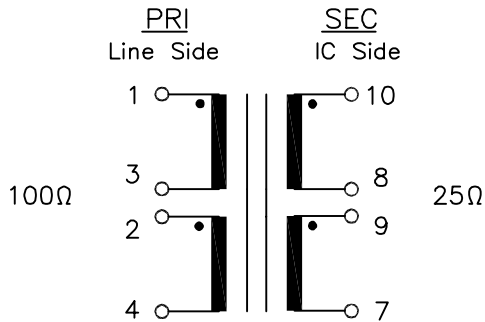
  
 UL# E208555

Factory Code  
& Date Code  
6

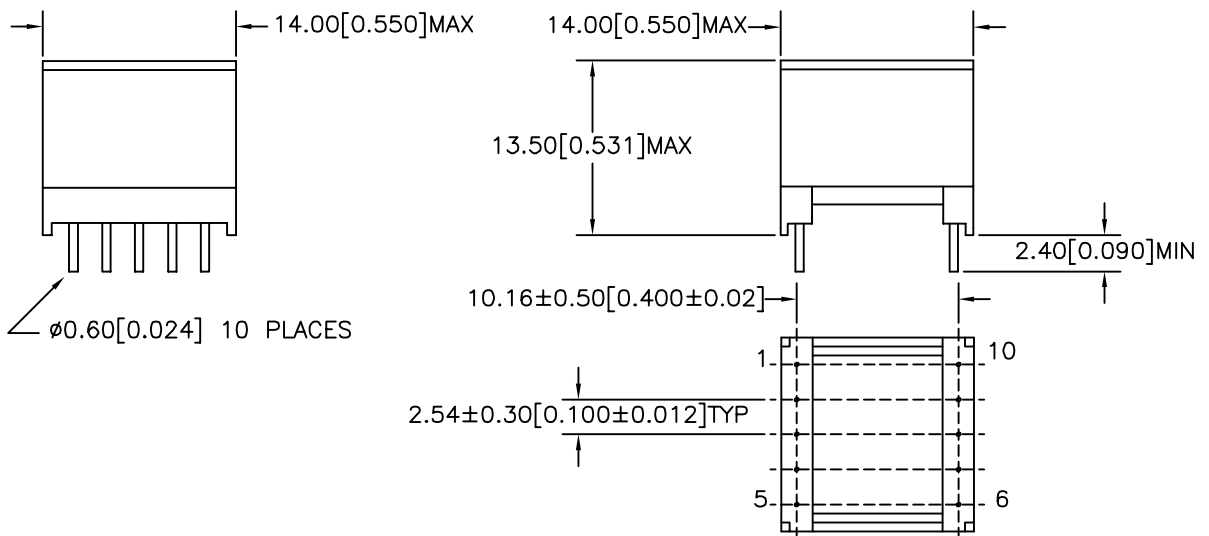
MODEL NUMBER  
**TTC-433**



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



E. Mechanical Specifications;



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APPROVED:

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

REV  
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ADSL  
 TRANSFORMER

**TTC-433**

MODEL SPECIFICATION

CONTENTS OF THIS DRAWING ARE  
 SUBJECT TO CHANGE WITHOUT  
 PRIOR NOTICE

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