

REV. Status

REVISION  
11/06/00 MP

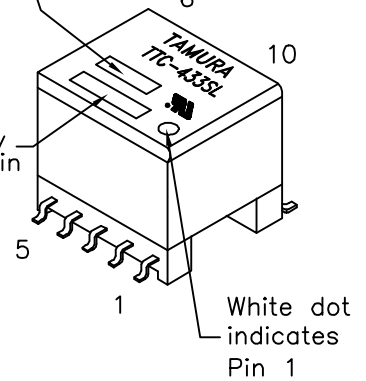
ADSL transformer designed for use with Alcatel IC chip MTK-20140 (CO Side)

## 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  
6Country  
of origin

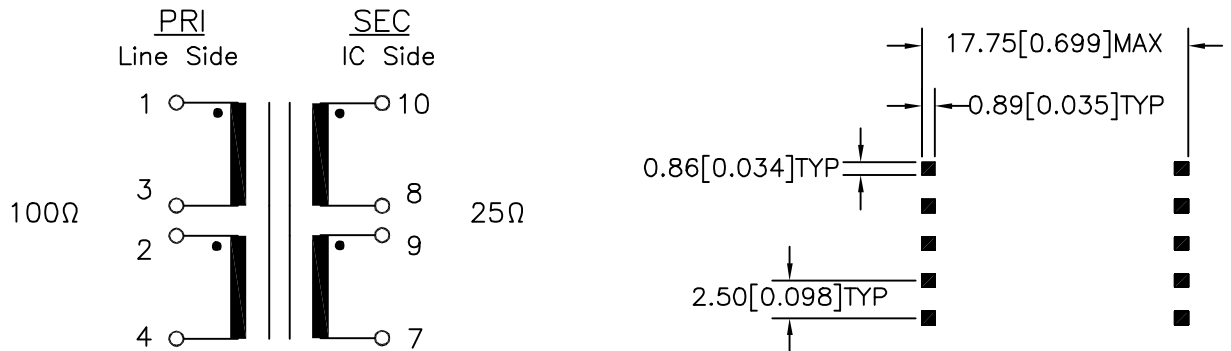
MODEL NUMBER

TTC-433SL

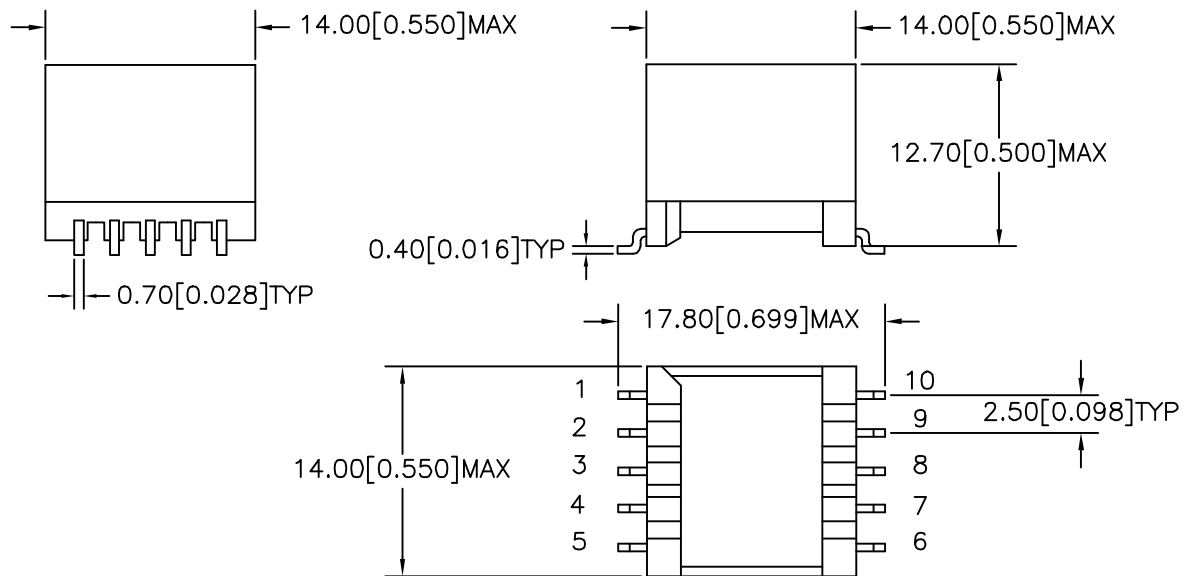
## B. Marking; TTC-433SL, TAMURA, date code and country of origin

## C. Safety; UL1950 3rd Edition

## D. Schematic;



## E. Mechanical Specifications;



PREPARED BY:

D. Rund

ENGINEER:

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QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.  
P-A1-12254  
ACAD\TTC\A1122541.DWGREV  
—ADSL  
TRANSFORMER**TAMURA CORPORATION OF AMERICA**43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
(909) 699-1270 FAX 9096769482**TTC-433SL**

MODEL SPECIFICATION

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

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