

REV. Status

REVISION
11/06/00 MP

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

A. Electrical Specifications (@ 25°C)

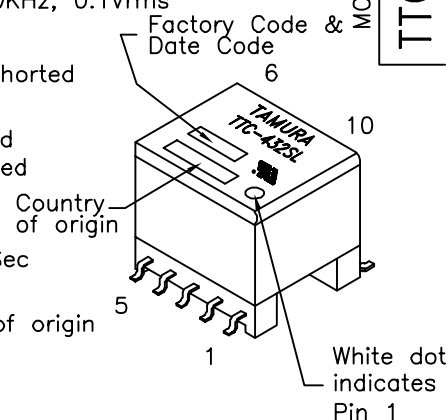
1. Primary (Line side) Impedance; 100 Ω
2. Secondary (IC side) Impedance; 100 Ω
3. Frequency Response; $\pm 0.5\text{dB}$ @ 100KHz to 1.1MHz, 0dBm
4. Insertion Loss; 1.0dB MAX @ 100KHz and 1.1MHz, 0dBm
5. Longitudinal Balance; 40dB MIN @ 30KHz to 1.1MHz, 0dBm
6. Primary Open Circuit Inductance; $480\mu\text{H} \pm 10\%$ @ 10KHz, 0.1Vrms
Measured (1-4) with 2 and 3 shorted
7. Leakage Inductance; $10\mu\text{H}$ MAX @ 300KHz, 0.1Vrms
Measured (1-4) with 2 & 3, 8 & 9 and 7 & 10 shorted
8. Total Harmonic Distortion; -72dB MAX @ 10KHz
9. DC Resistance; (1-4)=1.0 Ω MAX, with 2 & 3 shorted
(7-10)=1.0 Ω MAX, with 8 & 9 shorted
10. Turns Ratio; (1-4):(7-10)=1:1.00 $\pm 2\%$
2 & 3, and 8 & 9 shorted
11. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec



UL# E208555

MODEL NUMBER

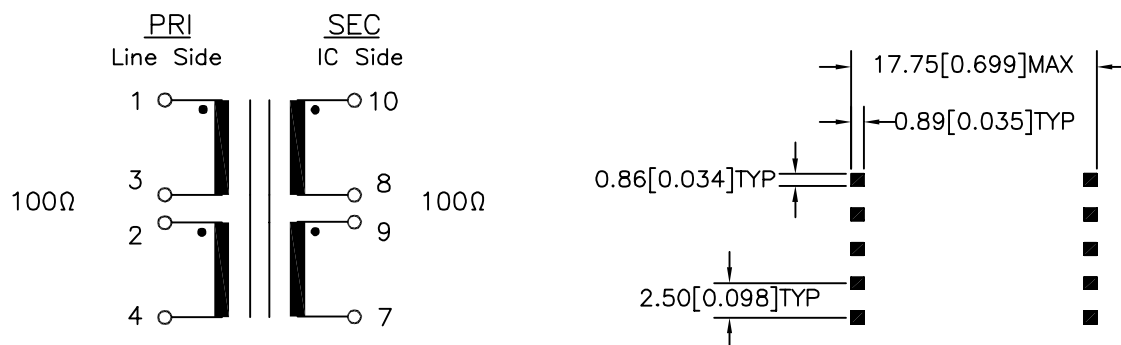
TTC-432SL



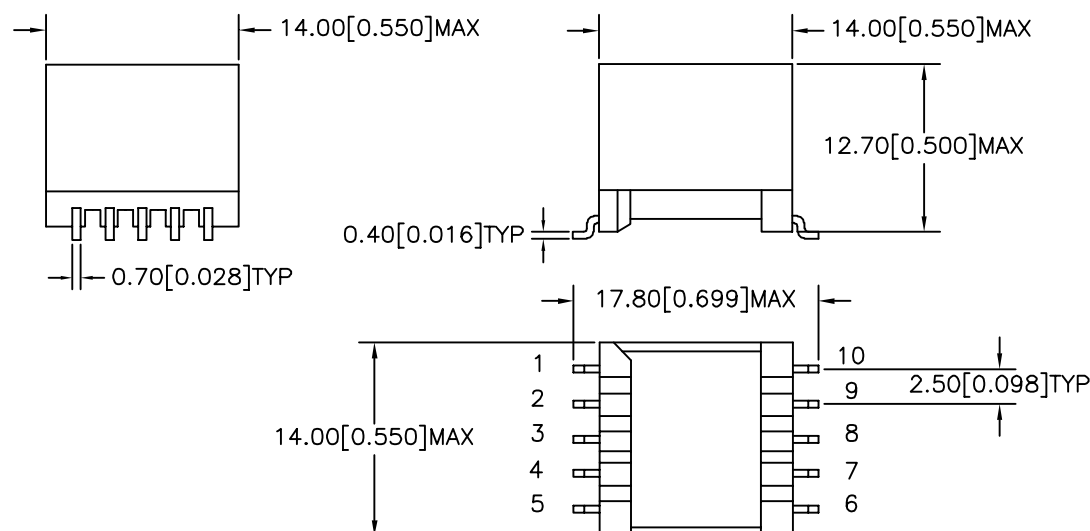
B. Marking; TTC-432SL, TAMURA, date code and country of origin

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-A1-12245
ACAD\TTC\A1122451.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-432SL**

MODEL SPECIFICATION

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

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