

Excellent Integrated System Limited

Stocking Distributor

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[Tamura](#)

[TTC-4082](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

REV. Status
REVISION -
09/13/01 MP

ADSL transformer designed for use with Alcatel Microelectronics IC chips MTK-20450, MTK-20164 and MTK-20156

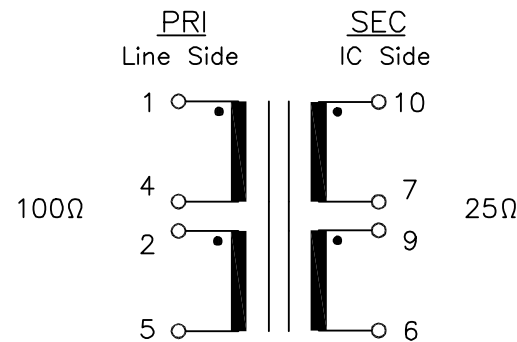
A. Electrical Specifications (@ 25°C)

1. Primary (Line side) Impedance; 100Ω
2. Secondary (IC side) Impedance; 25Ω
3. Longitudinal Balance; 50dB MIN @ 20KHz to 1.1MHz, 0dBm
4. Primary Open Circuit Inductance; 409.5μH ±5% @ 10KHz, 0.1Vrms Measured (1-5) with 2 and 4 shorted
5. Leakage Inductance; 6.5μH MAX @ 100KHz, 0.1Vrms Measured (1-5) with 2 & 4, 7 & 9 and 10 & 7 shorted
6. Total Harmonic Distortion; -78 MAX @ 30KHz, 20dBm
7. DC Resistance; (1-4)=0.684Ω MAX
(2-5)=0.684Ω MAX
(9-6)=0.336Ω MAX
(10-7)=0.336Ω MAX
8. Turns Ratio; (10-6):(1-5)=1:2.00±2%
2 & 4, and 7 & 9 shorted
9. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

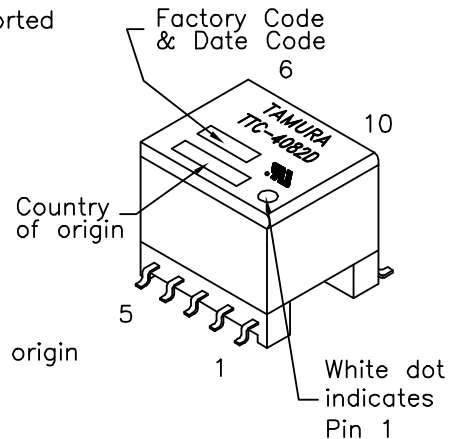
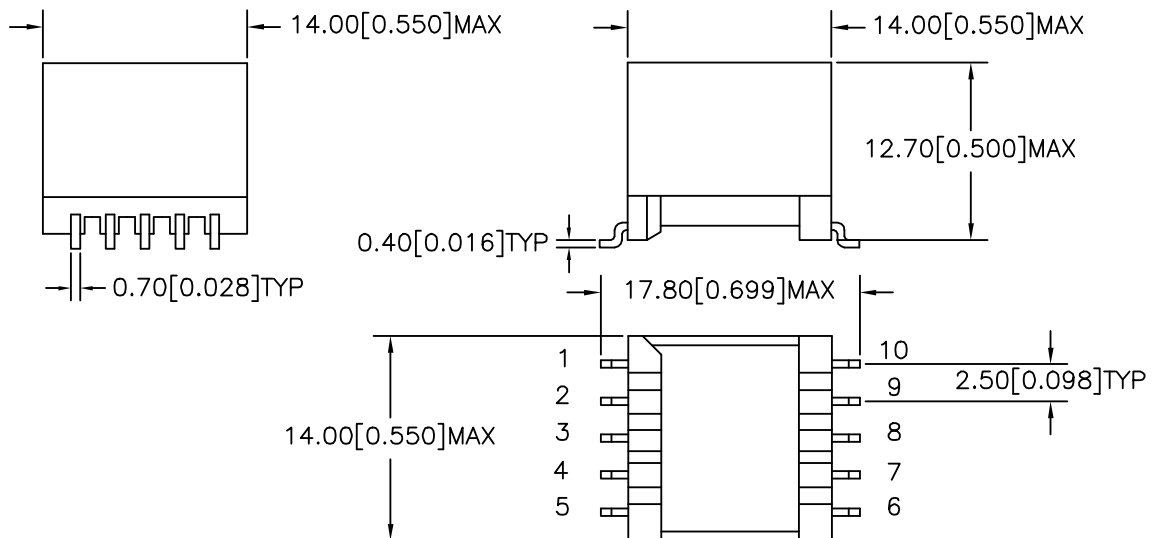
B. Marking; TTC-4082D, TAMURA, date code and country of origin "D" designates UL approved family classification.

C. Safety; UL1950 3rd Edition, UL60950, EN60950

D. Schematic and Mounting Footprint;



E. Mechanical Specifications;



MODEL NUMBER
TTC-4082

PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-12730
ACAD\TTC\A1127301.DWG

REV
-

ADSL
TRANSFORMER

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

TTC-4082

MODEL SPECIFICATION

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

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