

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Tamura](#)
[TTC-4103](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

REV. Status
PRELIMINARY
08/13/01 MP

ADSL transformer designed for use with Centilium IC chip CT-L735C08

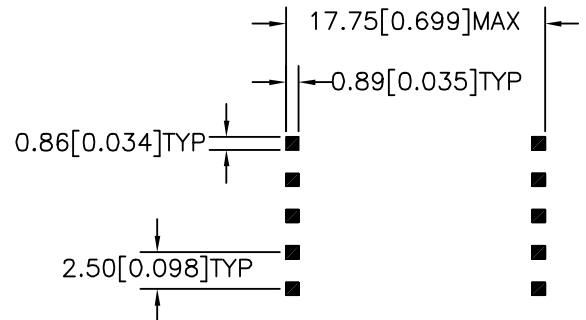
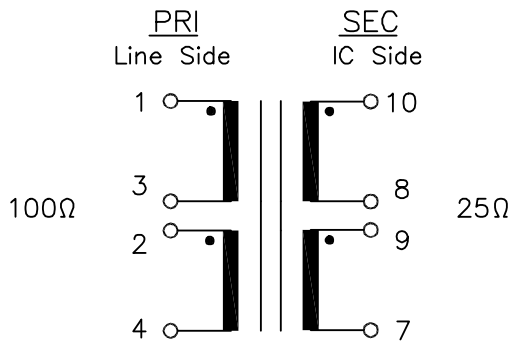
A. Electrical Specifications (@ 25°C)

1. Primary (Line side) Impedance; 100Ω
2. Secondary (IC side) Impedance; 25Ω
3. Insertion Loss; 0.5dB MAX @ 100KHz, 0dBm
4. Frequency Response; ±0.5dB @ 100KHz to 1.1MHz, 0dBm (100KHz reference)
5. Longitudinal Balance; 40dB MIN @ 20KHz to 1.1MHz, 0dBm
6. Primary Open Circuit Inductance; 1.00mH ±5% @ 10KHz, 0.1Vrms Measured (1-4) with 2 and 3 shorted
7. Leakage Inductance; 5.5μH MAX @ 100KHz, 0.1Vrms Measured (1-4) with 2 & 3, 8 & 9 and 10 & 7 shorted
8. Total Harmonic Distortion; -95dB TYP @ 40KHz, 2.5Vrms
9. DC Resistance; (1-3)=0.80Ω MAX
(2-4)=0.80Ω MAX
(9-7)=0.30Ω MAX
(10-8)=0.25Ω MAX
10. Turns Ratio;(1-4):(10-7)=2:1.00±2%
2 & 3, and 8 & 9 shorted
11. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

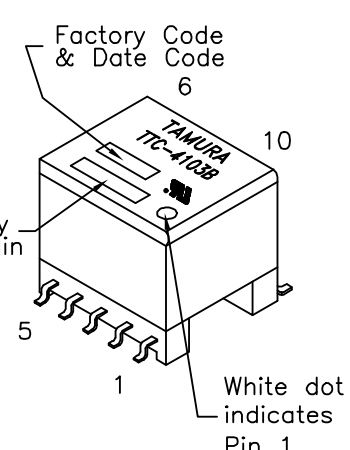
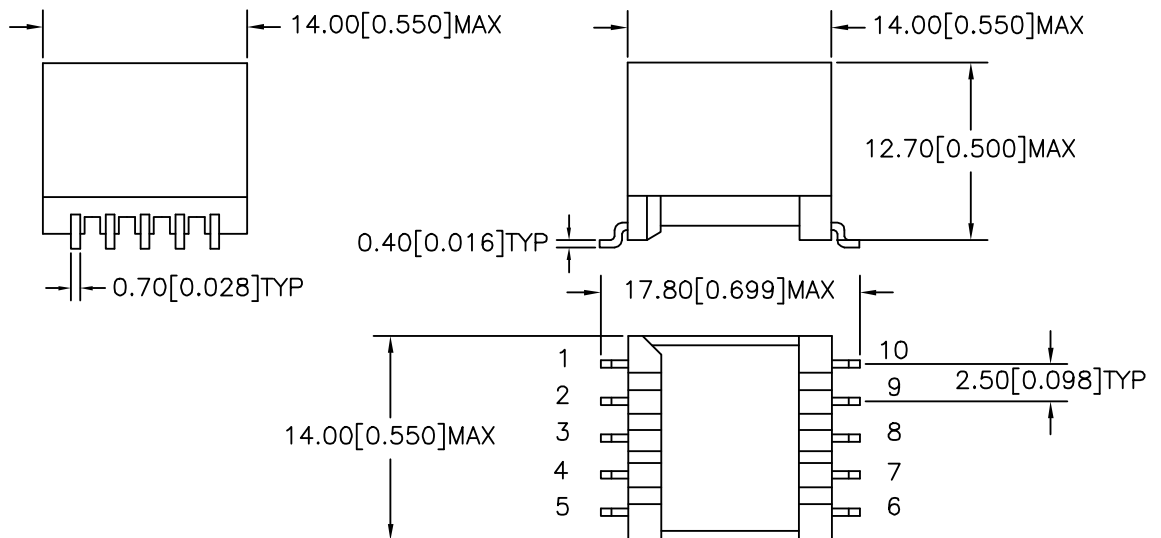
B. Marking; TTC-4103B, TAMURA, date code and country of origin "B" designates UL approved family classification.

C. Safety; UL1950 3rd Edition, UL60950

D. Schematic and Mounting Footprint;



E. Mechanical Specifications;



MODEL NUMBER
TTC-4103

PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-12881
ACAD\TTC\A1128811.DWG

REV
PRE

ADSL
TRANSFORMER

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

TTC-4103

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

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.