



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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REV. Status  
PRELIMINARY  
08/13/01 MP

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

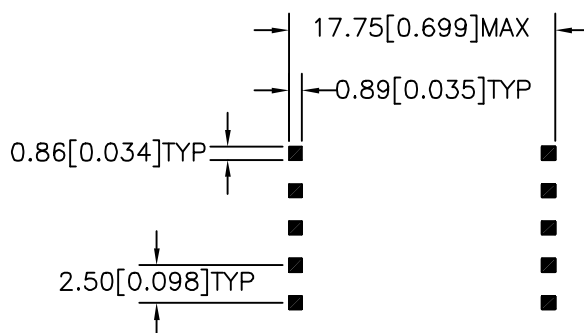
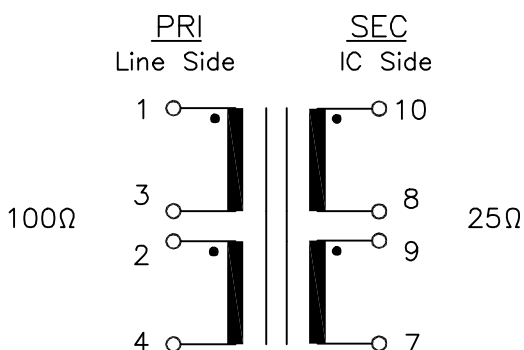
A. Electrical Specifications (@ 25°C)

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

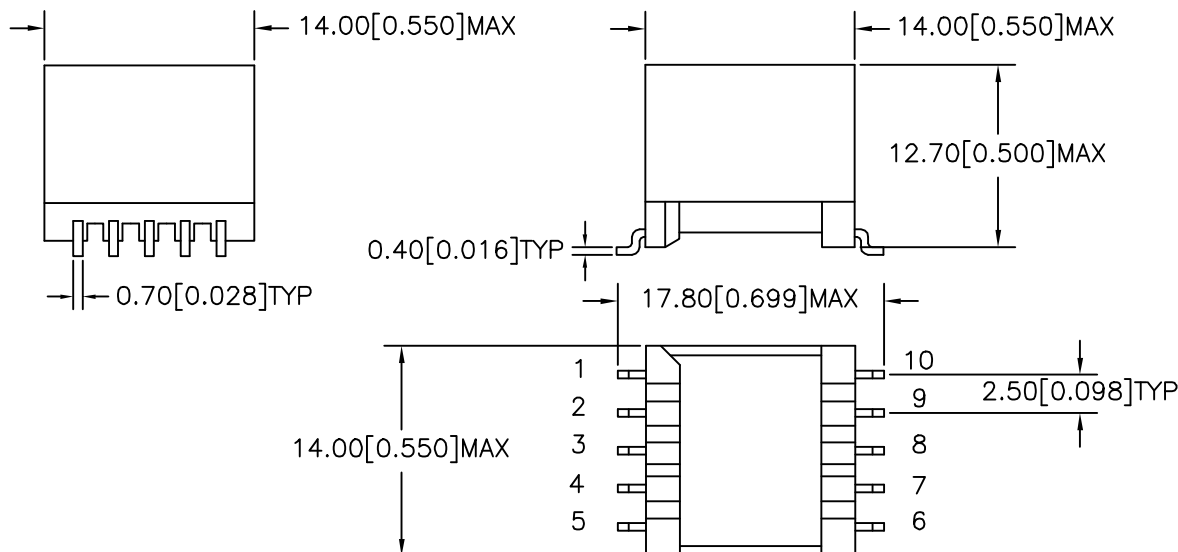
B. Marking; TTC-4103B, TAMURA, date code and country of origin  
"B" designates UL approved family classification.

C. Safety; UL1950 3rd Edition, UL60950

D. Schematic and Mounting Footprint;



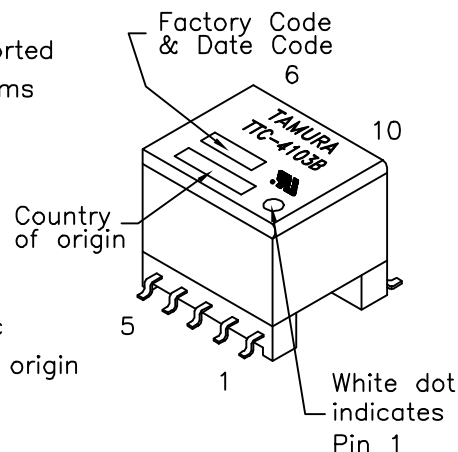
E. Mechanical Specifications;



UL# E208555

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

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