



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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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



REV. Status

ADSL Transformer designed for use with Texas Instruments AC5 chipset (CO Side)

PRELIMINARY
07/19/01 YS

PRELIMINARY 1
ADDED
PHASE DOTS
07/20/01 YS

PRELIMINARY 2
CHANGED A.7
TO 18pF
09/17/01 YS

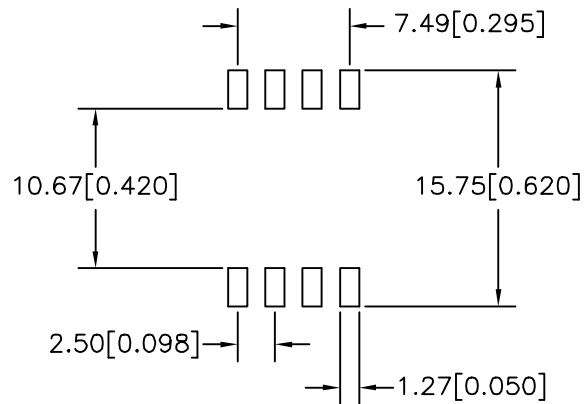
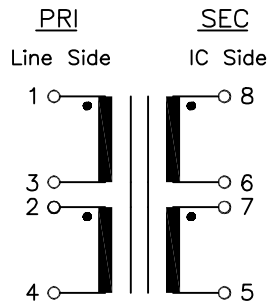
A. Electrical Specifications (@ 25°C)

1. Primary (Line side) Impedance; 100Ω
2. Secondary (IC side) Impedance; 27.5Ω
3. Longitudinal Balance; 60dBm MIN @ 100KHz
4. Total Harmonic Distortion; -80dB MAX @ 100KHz
5. Primary Open Circuit Inductance; 400μH ±5% @ 100KHz, 0.1Vrms Measured (1-4) with 2 and 3 shorted
6. Leakage Inductance; 7.5μH MAX @ 100KHz, 0.1Vrms Measured (1-4) with 2 & 3, 6 & 7, and 5 & 8 shorted
7. Interwinding Capacitance; 18pF MAX @ 100KHz, 0.1Vrms Measured (1-8) with 2 & 3, 1 & 4, 6 & 7 and 5 & 8 shorted
8. DC Resistance; (1-4)=1Ω MAX, with 2 and 3 shorted
(5-8)=1Ω MAX, with 6 & 7 shorted
9. Turns Ratio; (1-4):(8-5)=1.9:1 ±2%
2 & 3, 6 & 7 shorted
10. Dielectric Strength; 1500Vrms 1 minute @ Pri to Sec

B. Marking; TTC-4101, TAMURA, date code and country of origin

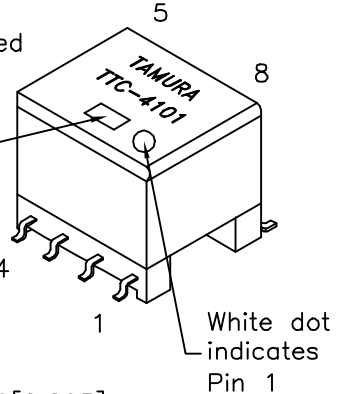
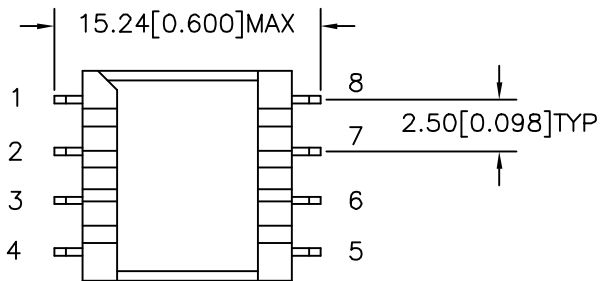
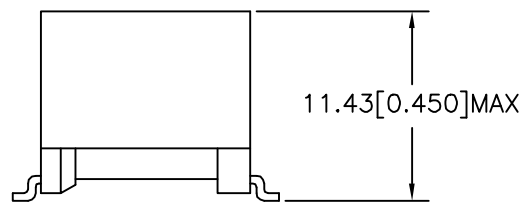
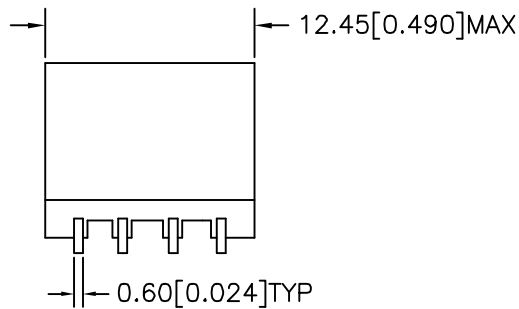
C. Safety; Complies with UL1950 3rd Edition, EN60950

D. Schematic and Mounting Footprint;



E. Mechanical Specifications;

Unless otherwise specified, all tolerances are ±0.25[0.010]



MODEL NUMBER
TTC-4101

PREPARED BY:

D. Rund

ENGINEER:

Y. Sekiguchi

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-12864
ACAD\TTC\A1128641.DWG

REV
PR2

ADSL
TRANSFORMER

TTC-4101

MODEL SPECIFICATION

CONTENTS OF THIS DRAWING ARE
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DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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