

REV. Status ADSL transformer designed for use with Conexant CN9001 and 20441

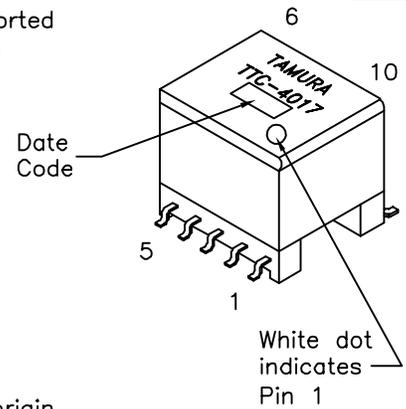
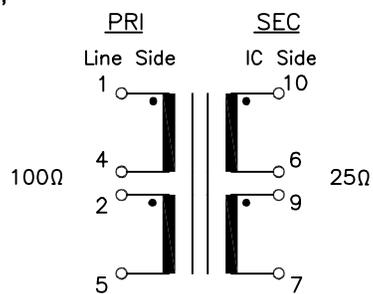
PRELIMINARY
02/03/00 MP

PRELIMINARY 1
CHANGED DESC,
A.3-A.4, A.8,
A.9, D TO 25Ω,
AND DWG TO
OPEN STYLE
05/30/00 LL

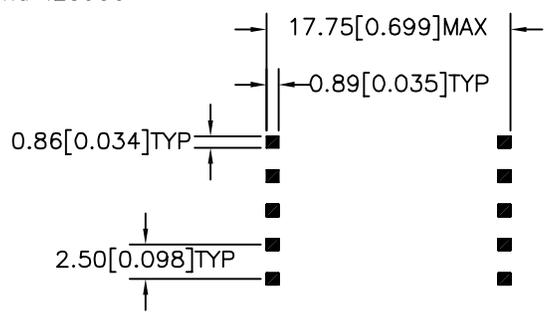
Y
R
A
Z
N
L
E
R
L

- A. Electrical Specifications (@ 25°C)
1. Primary (Line side) Impedance; 100Ω
 2. Secondary (IC side) Impedance; 25Ω
 3. Longitudinal Balance; 45dBm MIN @ 30KHz TO 1.1MHz, 0dBm (Per ITU method)
 4. Primary Open Circuit Inductance; 0.80mH±5% @ 10KHz, 0.1Vrms Measured (1-5) with 2 and 4 shorted
 5. Leakage Inductance; 10μH MAX @ 10KHz, 0.1Vrms Measured (1-5) with 2 & 4, 6 & 9, and 7 & 10 shorted
 6. Interwinding Capacitance; 30pF MAX @ 10KHz, 0.1Vrms Measured (1-10) with 2 & 4, and 6 & 9 shorted
 7. DC Resistance; (1-4)=0.74Ω MAX
(2-5)=0.74Ω MAX
(7-9)=0.34Ω MAX
(6-10)=0.43Ω MAX
 8. Turns Ratio; (1-4):(2-5)=1:1.00±1%
(7-9):(6-10)=1:1.00±1%
(1-5):(7-10)=2:1.00±1%
2 & 4, 6 & 9 shorted
 9. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

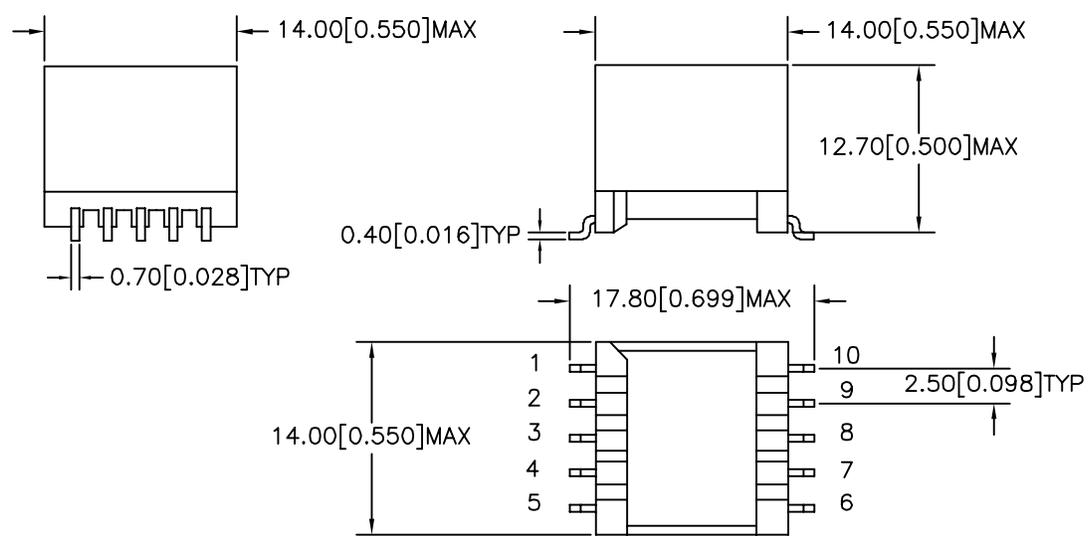
- B. Marking; TTC-4017, TAMURA, date code and country of origin
C. Safety; Complies with UL1950 3rd Edition and IEC950
D. Schematic;



MODEL NUMBER
TTC-4017



E. Mechanical Specifications;



PREPARED BY:

D. Rund
ENGINEER:
L. Le
QUALITY CONTROL:
D. Kelley
APPROVED:
J. Coleman

DWG CONTROL NO. P-A1-12347 ACAD\TTC\A1123471.DWG	REV PR1	ADSL TRANSFORMER
CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE		TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (909) 699-1270 FAX 9096769482

TTC-4017		
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.