

REV. Status

ADSL transformer designed for use with Conexant CN9001 and 20441

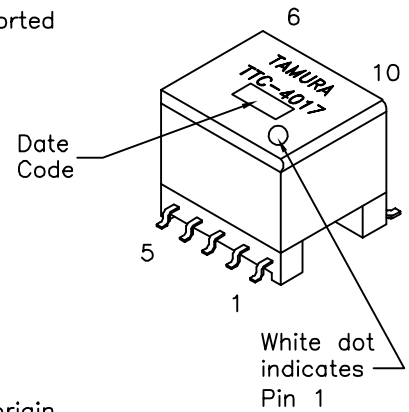
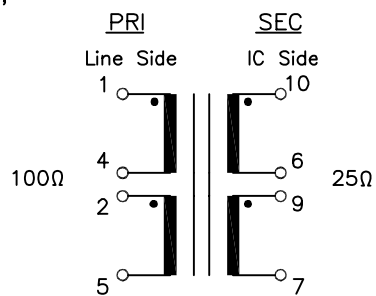
PRELIMINARY  
02/03/00 MP

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

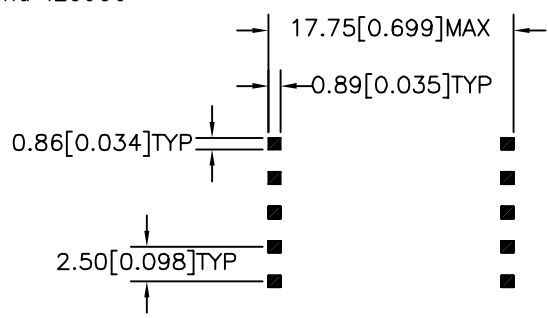
Y  
R  
A  
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N  
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R

- 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

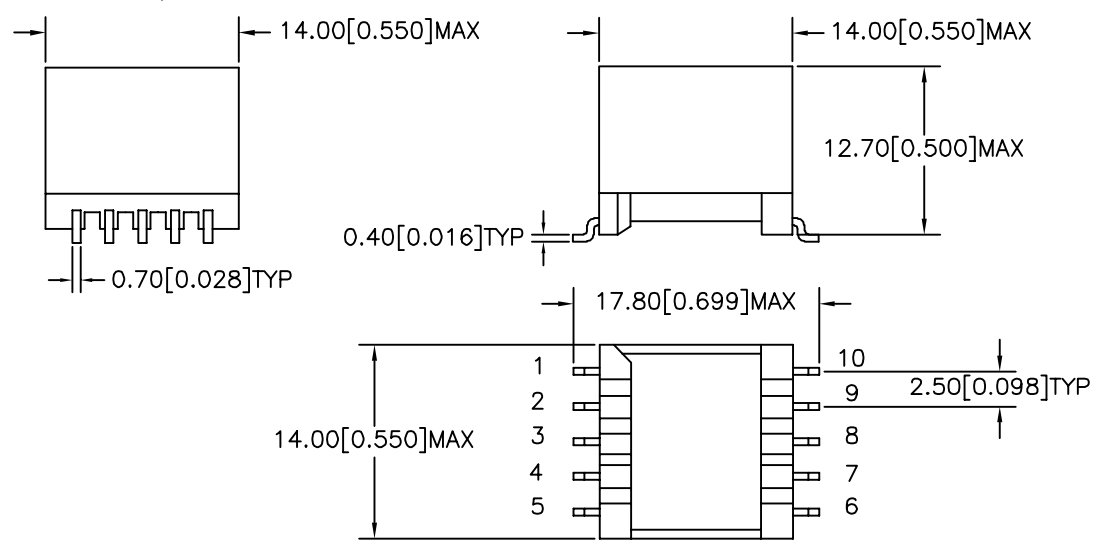
- B. Marking; TTC-4017, TAMURA, date code and country of origin  
C. Safety; Complies with UL1950 3rd Edition and IEC950  
D. Schematic;



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

**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

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