

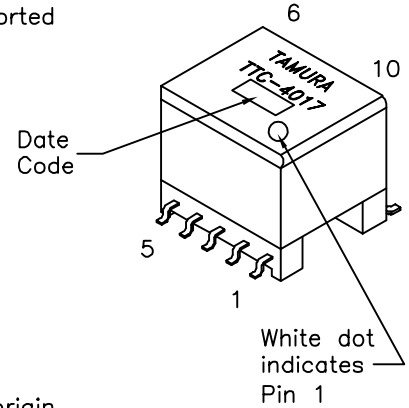
REV. Status ADSL transformer designed for use with Conexant CN9001 and 20441

PRELIMINARY
02/03/00 MP

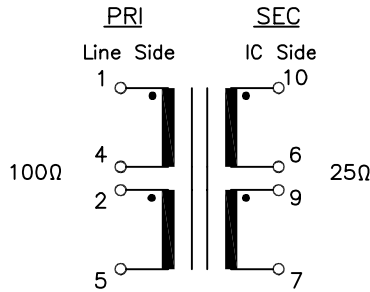
PRELIMINARY 1
CHANGED DESC,
A.3-A.4, A.8,
A.9, D TO 25Ω,
AND DWG TO
OPEN STYLE
05/30/00 LL

MODEL NUMBER
TTC-4017

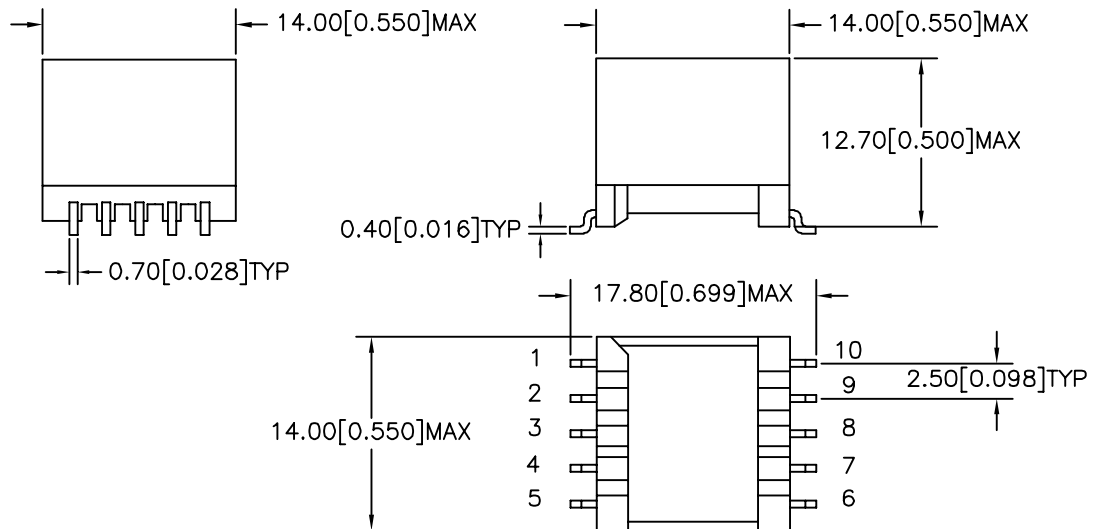
- A. Electrical Specifications (@ 25°C)
1. Primary (Line side) Impedance; 100Ω
 2. Secondary (IC side) Impedance; 25Ω
 3. Longitudinal Balance; 45dBm MIN @ 30KHz TO 1.1MHz, 0dBm (Per ITU method)
 4. Primary Open Circuit Inductance; 0.80mH±5% @ 10KHz, 0.1Vrms Measured (1-5) with 2 and 4 shorted
 5. Leakage 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;



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

TTC-4017

MODEL SPECIFICATION

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

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