

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

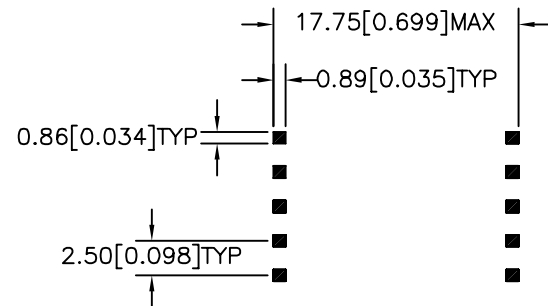
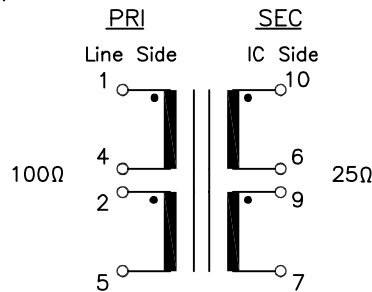
A. Electrical Specifications (@ 25°C)

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

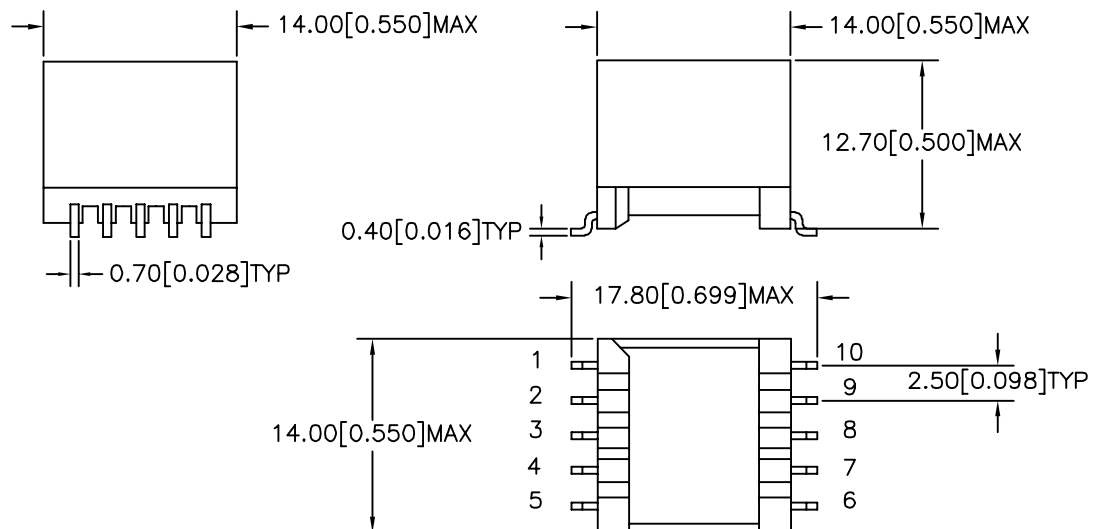
B. Marking; TTC-4017, TAMURA, date code and country of origin

C. Safety; Complies with UL1950 3rd Edition and IEC950

D. Schematic;



E. Mechanical Specifications;



PREPARED BY:

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QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-12347
ACAD\TTC\A1123471.DWG

REV
PR1

ADSL
TRANSFORMER

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TTC-4017

MODEL SPECIFICATION

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

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MODEL NUMBER

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