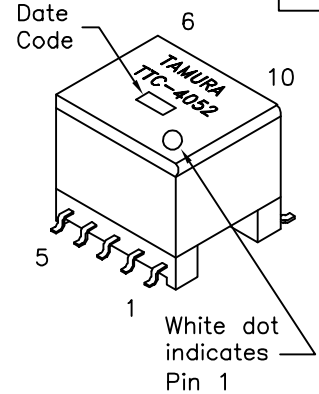


REV. Status
 PRELIMINARY
 04/24/00 LL
 PRELIMINARY 1
 MOVED MARKING
 ON ISO DWG.
 05/11/00 LL
 PRELIMINARY 2
 CHANGED DESC.
 10/17/00 LL

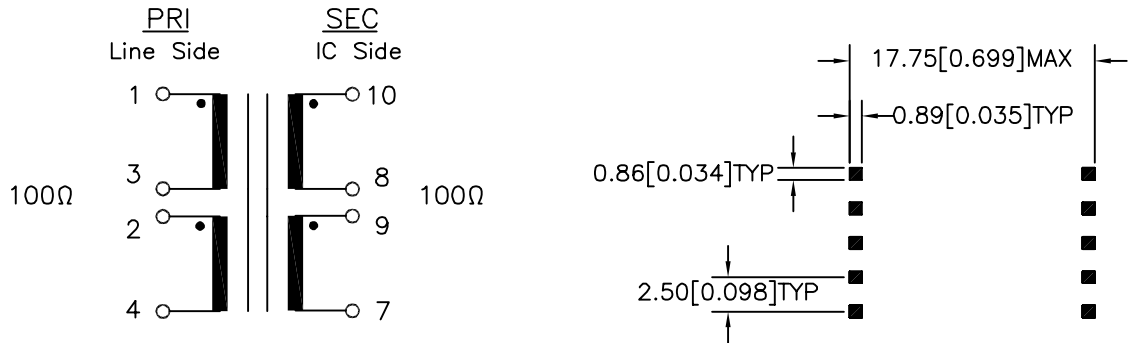
ADSL transformer designed for use with ltx IC chip Apollo II (CPE Side)

- A. Electrical Specifications (@ 25°C)
1. Primary (Line side) Impedance; 100Ω
 2. Secondary (IC side) Impedance; 100Ω
 3. Frequency Response; ±0.5dB @ 100KHz to 1.1MHz, 0dBm
 4. Insertion Loss; 1.0dB MAX @ 100KHz and 1.1MHz, 0dBm
 5. Longitudinal Balance; 40dB MIN @ 30KHz to 1.1MHz, 0dBm
 6. Primary Open Circuit Inductance; 440μH ±10% @ 10KHz, 0.1Vrms Measured (1-4) with 2 and 3 shorted
 7. Leakage Inductance; 10μH MAX @ 300KHz, 0.1Vrms Measured (1-4) with 2 & 3, 8 & 9 and 7 & 10 shorted
 8. Total Harmonic Distortion; -72dB MAX @ 10KHz
 9. DC Resistance; (1-4)=1.0Ω MAX, with 2 & 3 shorted (7-10)=1.0Ω MAX, with 8 & 9 shorted
 10. Turns Ratio; (1-4):(7-10)=1:1.00±2%
2 & 3, and 8 & 9 shorted
 11. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

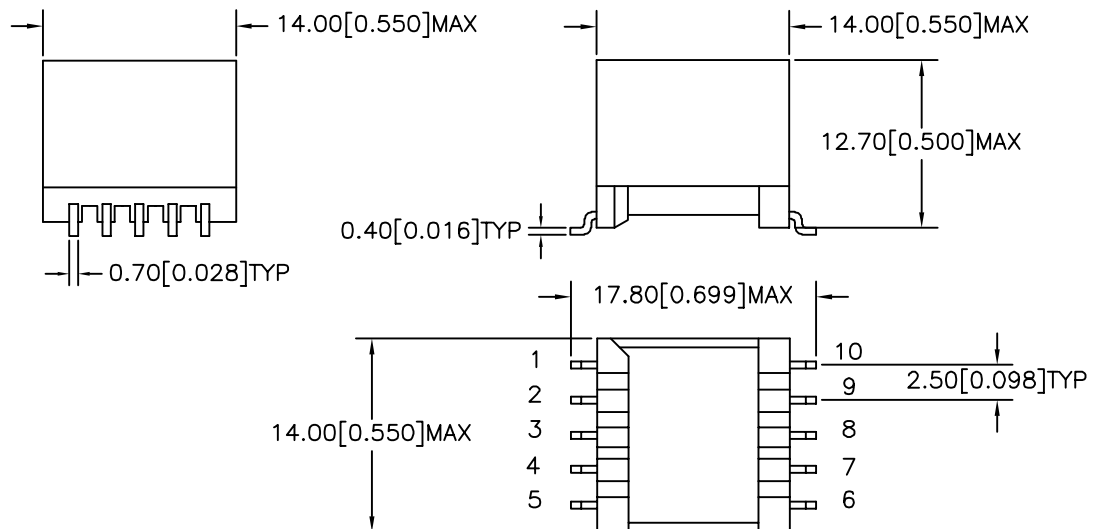
- B. Marking; TTC-4052, TAMURA, date code and country of origin
 C. Safety; Complies with UL1950 3rd Edition and IEC950
 D. Schematic;



MODEL NUMBER
TTC-4052



E. Mechanical Specifications;



PREPARED BY:

D. Rund

ENGINEER:

L. Le

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
 P-A1-12475
 ACAD\TTC\A1124751.DWG

REV
 PR2

ADSL
 TRANSFORMER

TTC-4052

MODEL SPECIFICATION

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

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

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