

REV. Status
 PRELIMINARY
 01/16/01 MP
 PRELIMINARY 1
 ADDED UL
 APPROVAL
 01/24/01 JC
 PRELIMINARY 2
 ADDED UL
 MARKING TO ISO
 02/09/01 MP
 PRELIMINARY 3
 CHANGED 4
 FROM 1.5mH
 03/01/01 MP

ADSL transformer for use with Texas Instruments ADSL IC chip TNET5000P CPE side

- A. Electrical Specifications (@ 25°C)
1. Primary (Line side) Impedance; 100Ω
 2. Secondary (IC side) Impedance; 25Ω
 3. Longitudinal Balance; 60dB MIN @ 100KHz, 0dBm (Per ITU method pin 10 grounded)
 4. Primary Open Circuit Inductance; 1.52mH ±5% @ 10KHz, 0.1Vrms Measured (1-4)
 5. Leakage Inductance; 15μH MAX @ 100KHz, 0.1Vrms Measured (1-4) with 7 & 10 shorted
 6. Interwinding Capacitance: 35pF MAX @ 100KHz, 0.1Vrms Measured (1-10)
 7. Total Harmonic Distortion; -80dB MAX @ 100KHz
 8. DC Resistance; (1-4)=2.0Ω MAX (7-10)=0.55Ω MAX
 9. Turns Ratio; (10-7):(1-4)=1:1.95±2%
 10. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

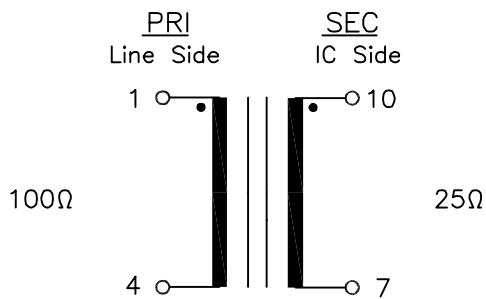

 UL# E208555

MODEL NUMBER
TTC-4069

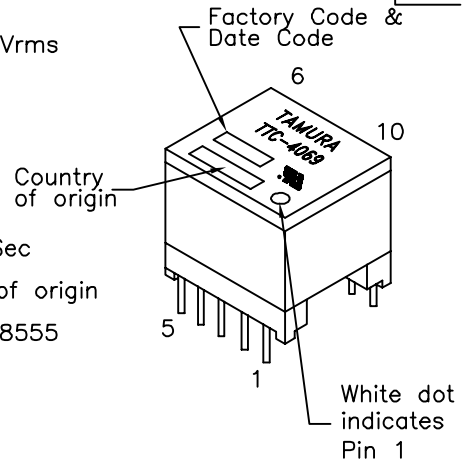
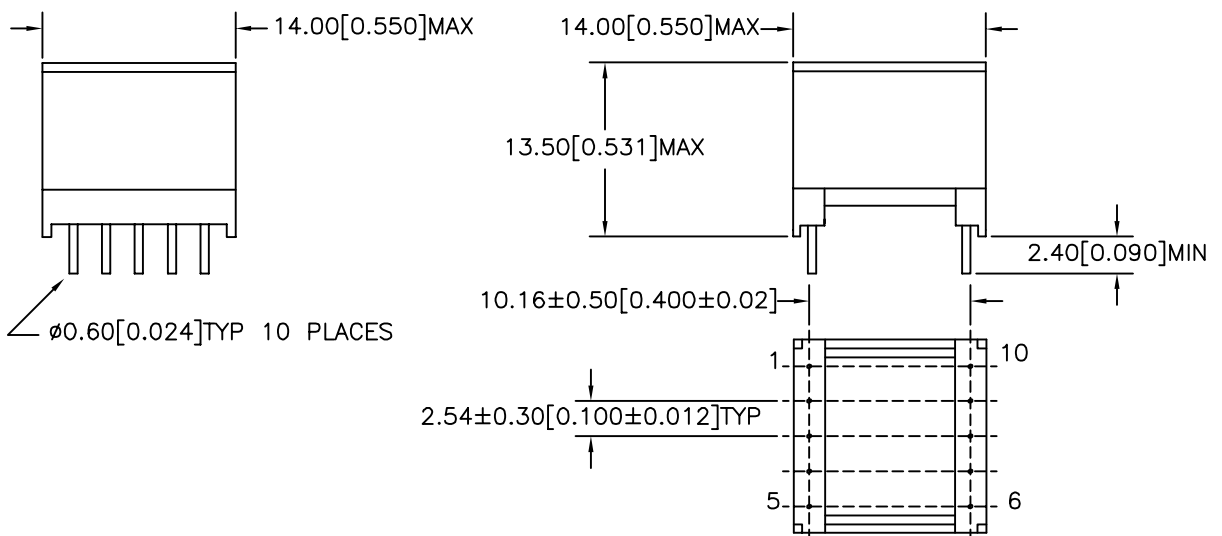
B. Marking; TTC-4069, TAMURA, date code and country of origin

C. Safety; Approved to UL1950 3rd Edition, File No. E208555
 Complies with IEC950

D. Schematic;



E. Mechanical Specifications;



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QUALITY CONTROL:

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APPROVED:

J. Coleman

DWG CONTROL NO.
 P-A1-12648
 ACAD\TTC\A1126481.DWG

REV
PR3

ADSL
 TRANSFORMER

TTC-4069

MODEL SPECIFICATION

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

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