

REV. Status  
PRELIMINARY  
08/29/00 MP

PRELIMINARY 1  
ADDED UL  
FILE #E20855  
04/17/01 MP

ADSL transformer designed for use with Globespan IC chip G7266 (Quad Co)

- A. Electrical Specifications (@ 25°C)
1. Primary (Line side) Impedance; 100Ω
  2. Secondary (IC side) Impedance; 51Ω
  3. Insertion Loss; 0.5dB MAX @ 100KHz, 0dBm
  4. Frequency Response, ±0.5dB @ 30KHz to 1.1MHz, 0dBm, 100KHz Ref.
  5. Longitudinal Balance; 40dB MIN @ 30KHz to 1.1MHz, 0dBm (Per ITU method pin 1 grounded)
  6. Primary Open Circuit Inductance; 441μH ±5% @ 10KHz, 0.1Vrms Measured (10-6) with 7 and 9 shorted
  7. Leakage Inductance; 10μH MAX @ 100KHz, 0.1Vrms Measured (1-5) with 2 & 4, 7 & 9 and 6 & 10 shorted
  8. Interwinding Capacitance; 30pF MAX @ 100KHz, 0.1Vrms Measured (1-10) with 2 & 4, and 7 & 9 shorted
  9. Total Harmonic Distortion; -80dB MAX @ 100KHz
  10. DC Resistance; (1-5)=0.80Ω MAX, with 2 & 4 shorted (6-10)=1.00Ω MAX, with 7 & 9 shorted
  11. Turns Ratio; (1-5):(6-10)=1:1.40±2% 2 & 4, and 7 & 9 shorted
  12. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

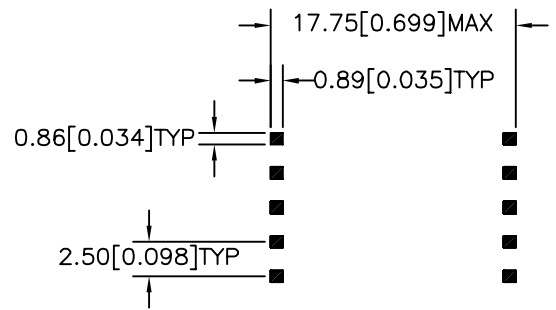
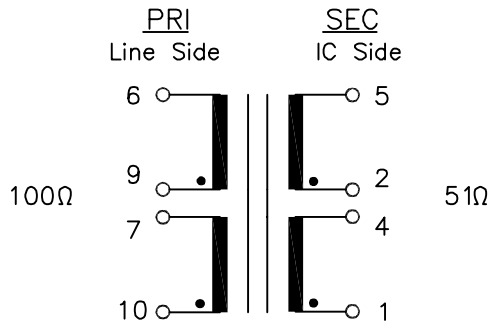
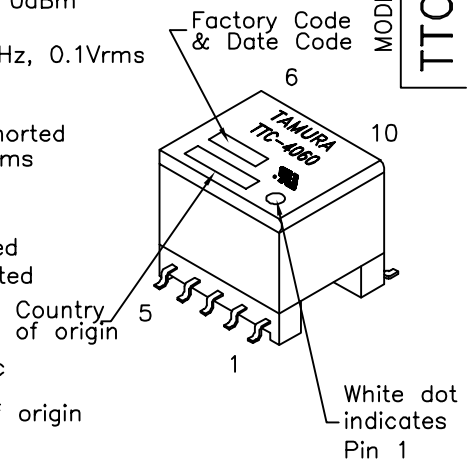
- B. Marking; TTC-4060, TAMURA, date code and country of origin  
C. Safety; UL1950 3rd Edition, UL60950  
D. Schematic;



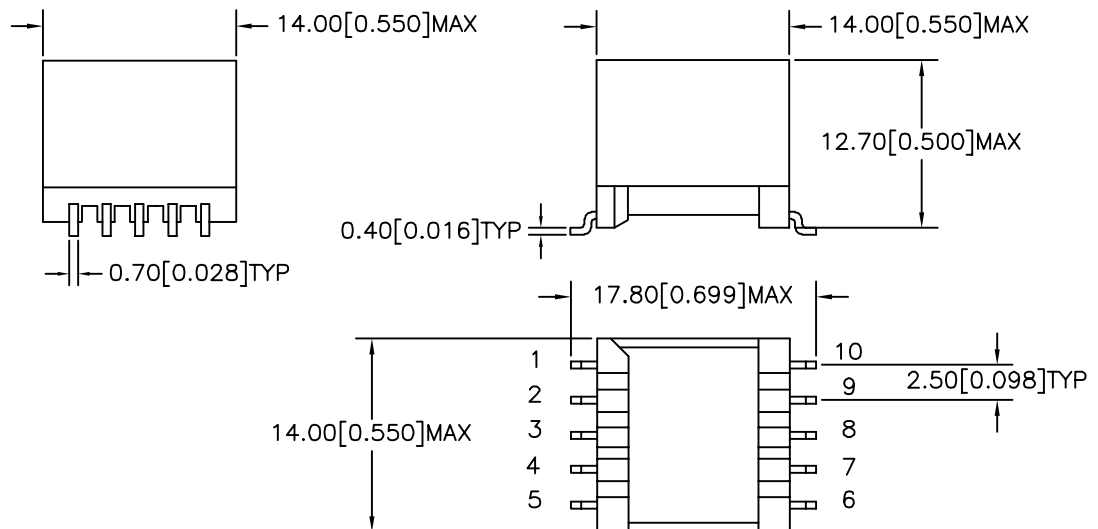
UL# E208555

MODEL NUMBER

TTC-4060



E. Mechanical Specifications;



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DWG CONTROL NO.  
P-A1-12580  
ACAD\TTC\A1125801.DWG

REV  
PR1

ADSL  
TRANSFORMER

TTC-4060

MODEL SPECIFICATION

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

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