

REV. Status

REVISION -
04/10/02 MPADSL transformer designed for use with Centillium IC chips
CT-L22SU15 (CPE Side), CT-L42DU30 (CPE Side)

A. Electrical Specifications (@ 25°C)

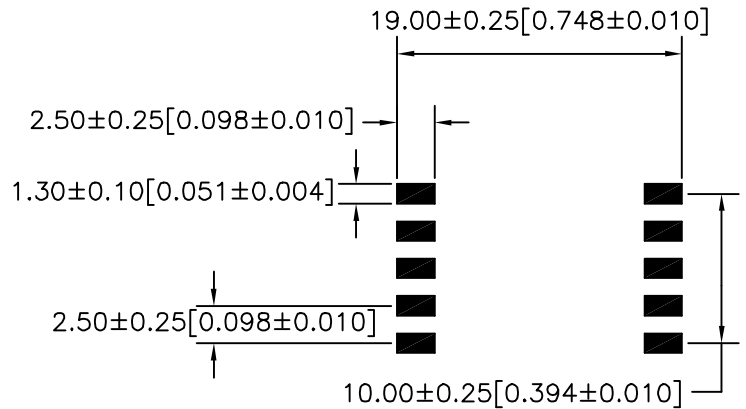
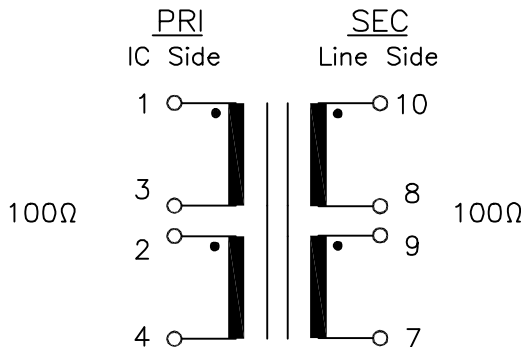
1. Primary (IC side) Impedance; 100Ω
2. Secondary (Line side) Impedance; 100Ω
3. Frequency Response; $\pm 1.0\text{dB}$ @ 30KHz to 1.1MHz, 0dBm
4. Insertion Loss; 0.5dB MAX @ 100KHz, 0dBm
5. Longitudinal Balance; 40dB MIN @ 25KHz to 1.1MHz, 0dBm
6. Primary Open Circuit Inductance; 5.0mH $\pm 10\%$ @ 10KHz, 0.1Vrms
Measured (1-4) with 2 and 3 shorted
7. Leakage Inductance; 18μH MAX @ 100KHz, 0.1Vrms
Measured (1-4) with 2 & 3, 8 & 9 and 7 & 10 shorted
8. Total Harmonic Distortion; -80dB MAX @ 30KHz
9. DC Resistance; (1-4)=3.0Ω MAX, with 2 & 3 shorted
(7-10)=3.0Ω MAX, with 8 & 9 shorted
10. Turns Ratio; (1-4):(7-10)=1:1.00 $\pm 2\%$
2 & 3, and 8 & 9 shorted

11. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

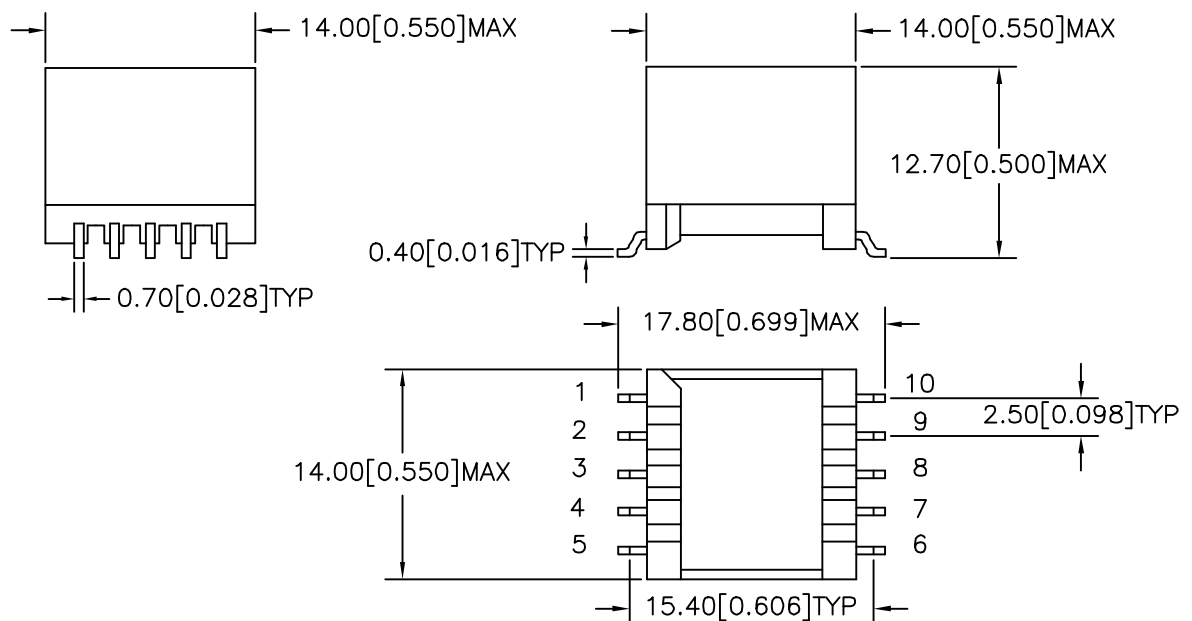
B. Marking; TTC-4049B, TAMURA, date code and country of origin
"B" designates UL approved family classification

C. Safety; UL1950 3rd Edition, UL60950, EN60950

D. Schematic;



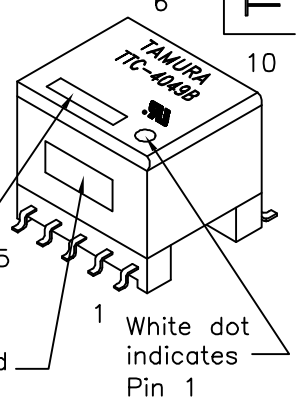
E. Mechanical Specifications;



UL #E208555

MODEL NUMBER

TTC-4049



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TTC-4049

MODEL SPECIFICATION

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

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