

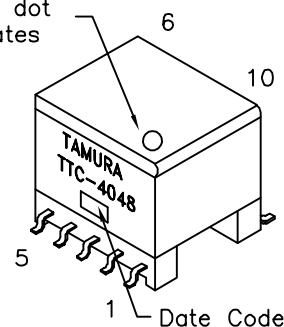
REV. Status

PRELIMINARY
04/25/00 MP

ADSL transformer designed for use with Centillium IC chip G-L21SC04 (CO 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; 0.5dB MAX @ 100KHz, 0dBm
5. Longitudinal Balance; 40dB MIN @ 30KHz to 1.1MHz, 0dBm
6. Primary Open Circuit Inductance; 440μH ±5% @ 10KHz, 0.1Vrms
Measured (1-4) with 2 and 3 shorted
7. Leakage Inductance; 5μH MAX @ 100KHz, 0.1Vrms
Measured (1-4) with 2 & 3, 8 & 9 and 7 & 10 shorted
8. Total Harmonic Distortion; -85dB MAX @ 40KHz
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

White dot
indicates
Pin 1

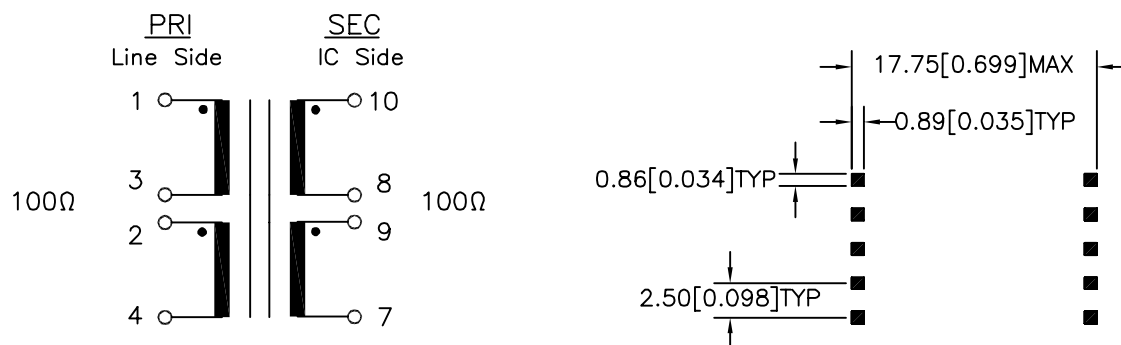
MODEL NUMBER

TTC-4048

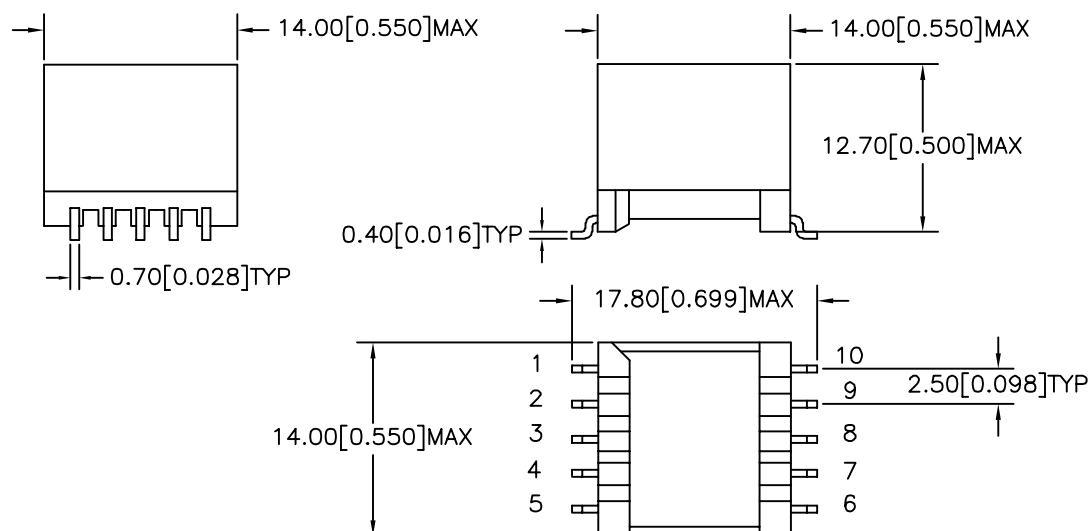
B. Marking; TTC-4048, TAMURA, date code and country of origin

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

D. Schematic;



E. Mechanical Specifications;



PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

APPROVED:

J. Coleman

DWG CONTROL NO.

P-A1-12471
ACAD\TTC\A1124711.DWG

REV

PRE

ADSL

TRANSFORMER

TTC-4048

MODEL SPECIFICATION

CONTENTS OF THIS DRAWING ARE
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DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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