

REV. Status

PRELIMINARY
02/13/01 MP

TELECOMMUNICATION V.90 MODEM TRANSFORMER

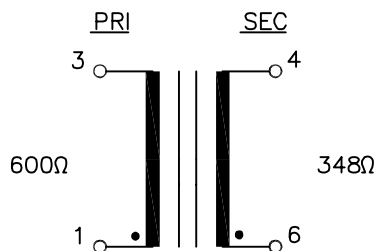
A. Electrical Specifications (@ 25° C)

1. Primary Impedance; 600Ω
2. Secondary Impedance; 348Ω
3. Insertion Loss: 3.25dB MAX @ 1KHz, 0dBm
4. Frequency Response; ±0.5dB @ 200Hz to 4KHz, 0dBm
5. Longitudinal Balance; 60dB MIN @ 200Hz to 4KHz, 0dBm
(Per IEEE Method)
6. Return Loss; 14dB MIN @ 200Hz to 4KHz, 0dBm
7. DC Resistance;
(1-3):152Ω ±15%
(4-6):151Ω ±15%
8. Turns Ratio; (1-3):(6-4)=1:1.00±2%
9. Total Harmonic Distortion;
-80dB MAX @ 600Hz, -10dBm (-84dB TYP)
10. Dielectric Strength; 1875V 1 second, Pri-Sec

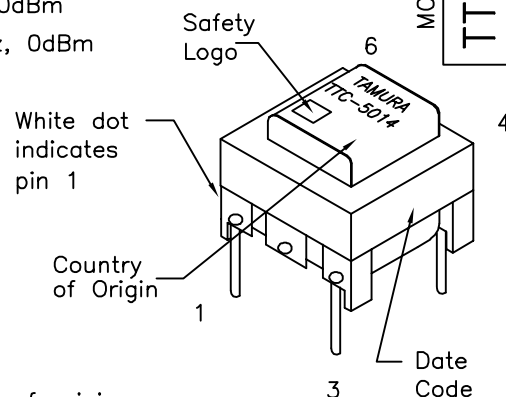
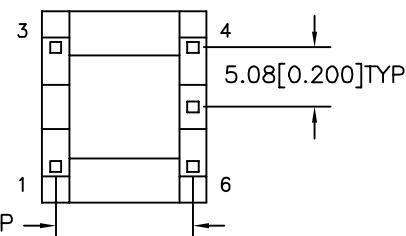
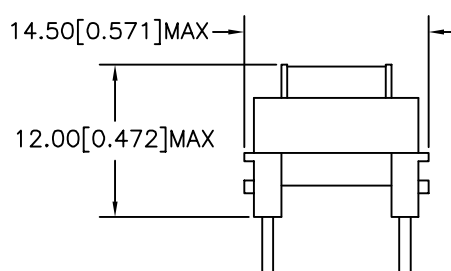
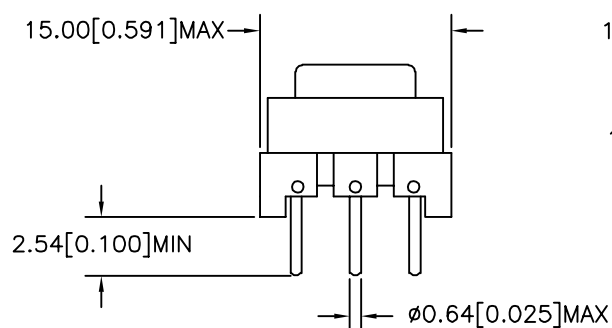
B. Marking; TTC-5014, TAMURA, date code and country of origin

C. Safety; Complies with UL1950 3rd Edition

D. Schematic;



E. Mechanical Specifications;



MODEL NUMBER

TTC-5014

PREPARED BY:

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ENGINEER:

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QUALITY CONTROL:

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APPROVED:

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DWG CONTROL NO.
P-A1-12494
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TTC-5014

MODEL SPECIFICATION

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

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