



TELECOMMUNICATION MODEM TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES

REV. Status

REVISION -  
12/13/01 MP

REVISION A  
ADDED RoHS.  
UL LOGO  
12/12/12 MP

A. Electrical Specifications (@ 25° C)

1. Primary Impedance; 600Ω
2. Secondary Impedance; 348Ω
3. Insertion Loss: 3.25dB MAX @ 1KHz, 0dBm
4. Frequency Response; ±0.25dB @ 200Hz to 4KHz, 0dBm
5. Longitudinal Balance; 60dB MIN @ 200Hz to 4KHz, 0dBm
6. Return Loss; 14dB MIN @ 200Hz to 4KHz, 0dBm
7. DC Resistance;
  - (1-3) : 149Ω ±15%
  - (4-6) : 139Ω ±15%
8. Turns Ratio; (1-3):(6-4)=1:1.00±2%
9. Total Harmonic Distortion;
  - 83dB MAX @ 600Hz, -10dBm (-88dB TYP)
10. Dielectric Strength; 1875Vrms 1 second, Pri to Sec

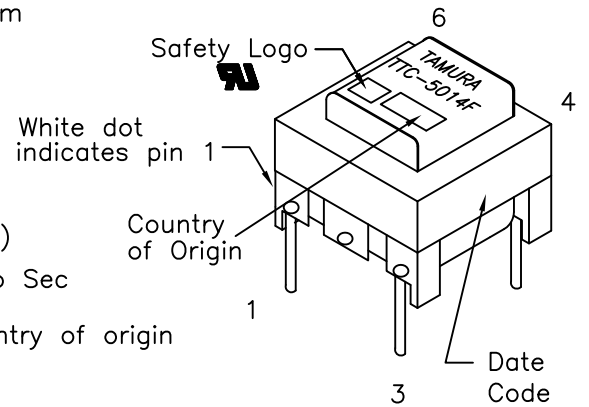
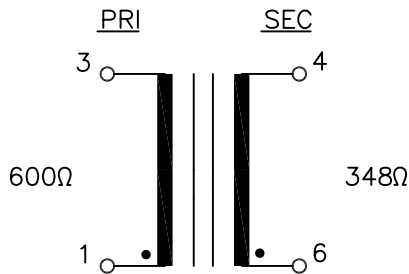


MODEL NUMBER  
TTC-5014

B. Marking; TTC-5014F, TAMURA, date code and country of origin "F" designates UL approved family classification.

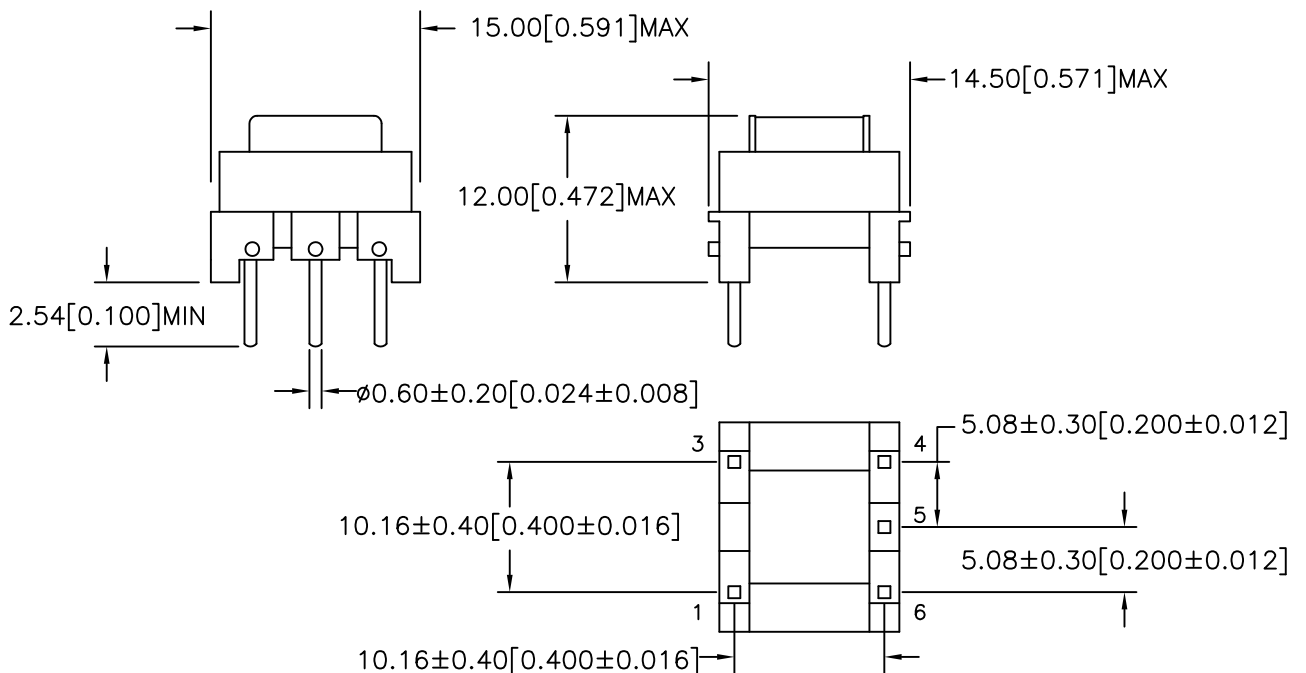
C. Safety; UL60950 3rd Edition

D. Schematic;



UL# E208555

E. Mechanical Specifications;



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ENGINEER:

MATHI PITCHAI

SAFETY ENGINEER:

B. OCONNELL

APPROVED:

P. BRUNE

DWG CONTROL NO. P-A1-12494  
ACAD\TTC\A112494 REV-A.DWG

REV A

TELECOMMUNICATION V.90  
MODEM TRANSFORMER

**TAMURA CORPORATION OF AMERICA**  
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**TTC-5014**

MODEL SPECIFICATION  
DIM: mm[In] SCL: 1/1 SH: 1 OF 1

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