



TELECOMMUNICATION MODEM COUPLING TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES

MODEL NUMBER  
**TTC-5008**

REV. Status

- REVISION -  
12/10/01 MP
- REVISION A  
CHANGED  
DIMENSIONS  
03/10/04 MP
- REVISION B  
ADDED "C"  
CLASS TO  
MARKING NOTE  
AND RoHS  
05/11/06 MP

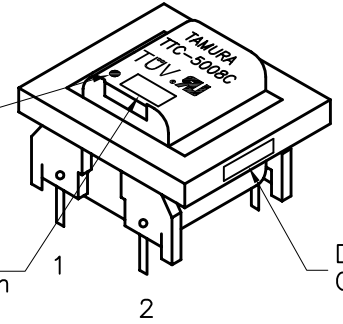
- A. Electrical Specifications (@ 25°C)
1. Pri Source Impedance; 600Ω
  2. Sec Load Impedance; 374Ω
  3. Insertion Loss;  
2.5dB MAX, 1KHz, 0dBm
  4. Frequency Response (relative to 1 KHz)  
±0.20dB 200Hz to 4KHz @ 0dBm
  5. Longitudinal Balance;  
60dB MIN @ 200Hz to 1KHz  
40dB MIN @ 1KHz to 4KHz
  6. Return Loss; 25dB MIN @ 1KHz, 0dBm (29dB TYP)
  7. DC Resistance;  
(1-2) = 108Ω ±15%  
(3-4) = 120Ω ±15%
  8. Turns Ratio; (1-2):(4-3) = 1:1.00±2%
  9. Dielectric Strength;  
1875Vrms 1 second Pri to Sec
  10. Total Harmonic Distortion:  
-86dB MAX @ 600Hz, -10dBm (-90dB TYP)



Black dot indicates pin 1

Country of origin

Date Code

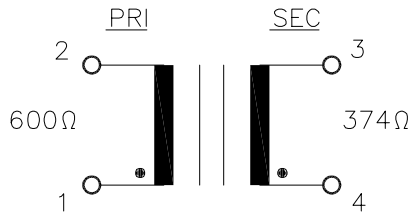


- B. Marking; TTC-5008C, TAMURA, date code and country of origin.  
"C" designates UL approved family classification
- C. Safety: UL 1950 3rd Edition, UL60950, EN60950

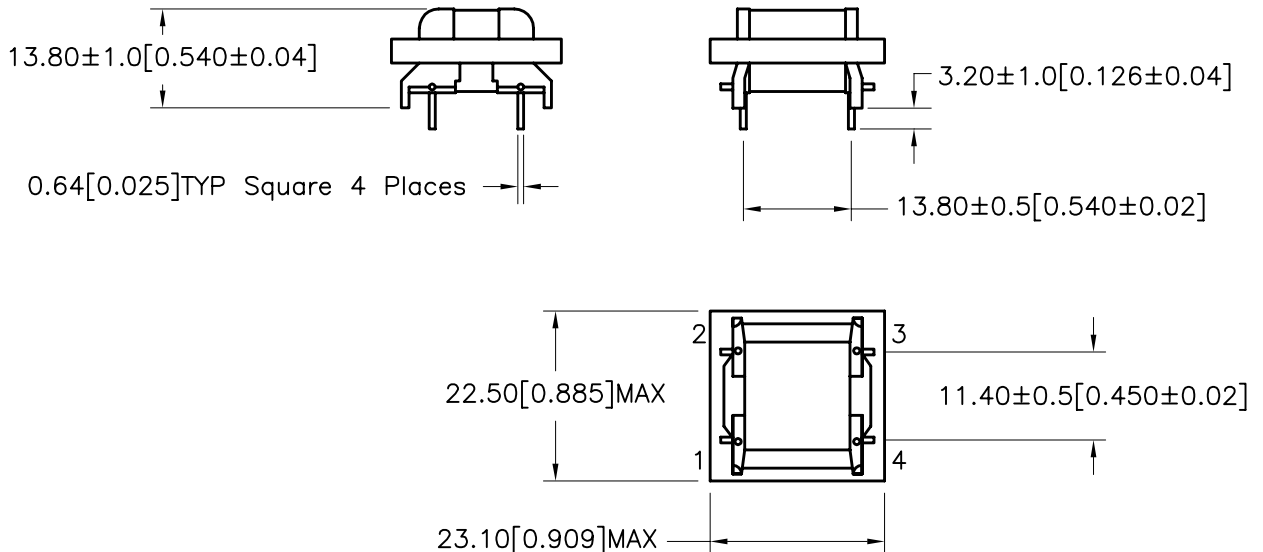


UL #E208555

D. Schematic Diagram



E. Mechanical Specifications



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T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.  
P-A1-12310  
ACAD\TTC\A1123101.DWG

REV  
**B**

MODEM COUPLING  
TRANSFORMER

**TAMURA CORPORATION OF AMERICA**  
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
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**TTC-5008**

MODEL SPECIFICATION

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

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