



REV. Status

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

TELECOMMUNICATION MODEM COUPLING TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES

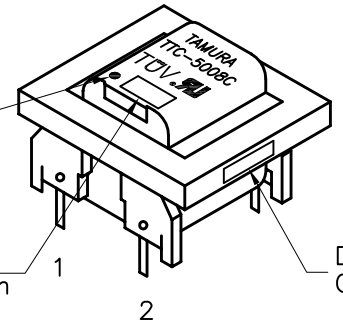
A. Electrical Specifications (@ 25°C)

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)



MODEL NUMBER

TTC-5008

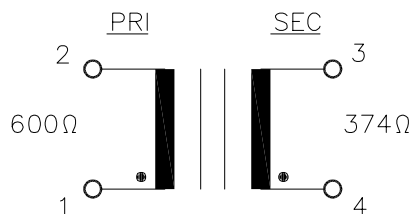
Black dot
indicates
pin 1Country
of originDate
Code

UL #E208555

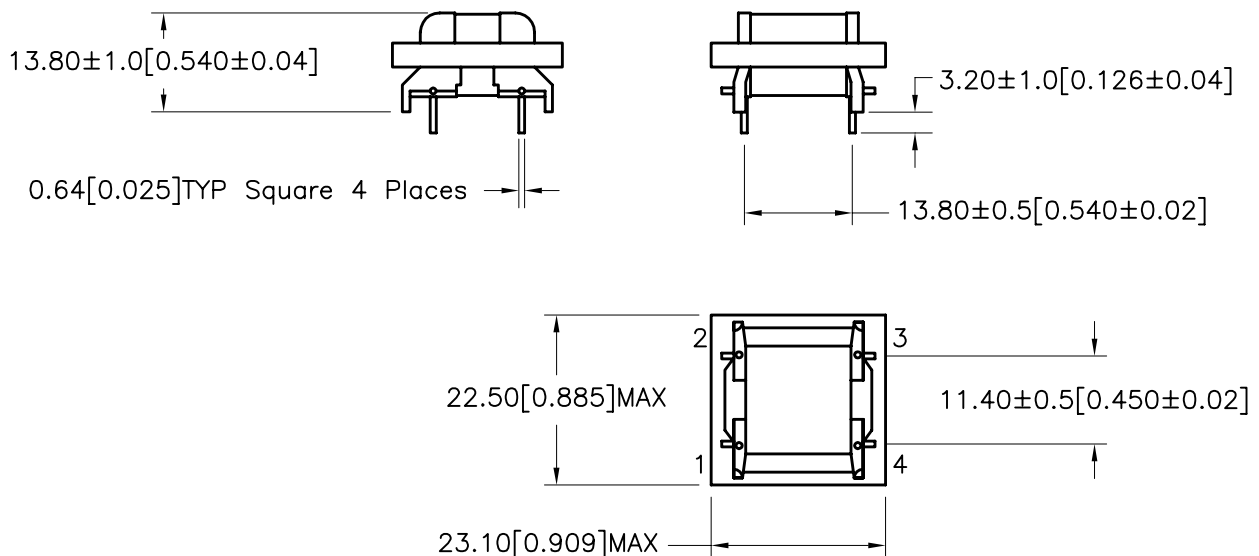
B. Marking; TTC-5008C, TAMURA, date code and country of origin.
"C" designates UL approved family classification

C. Safety: UL 1950 3rd Edition, UL60950, EN60950

D. Schematic Diagram



E. Mechanical Specifications



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DWG CONTROL NO.
P-A1-12310
ACAD\TTC\A1123101.DWGREV
BMODEM COUPLING
TRANSFORMERCONTENTS OF THIS DRAWING ARE
SUBJECT TO CHANGE WITHOUT
PRIOR NOTICETAMURA CORPORATION OF AMERICA
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TTC-5008

MODEL SPECIFICATION

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

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