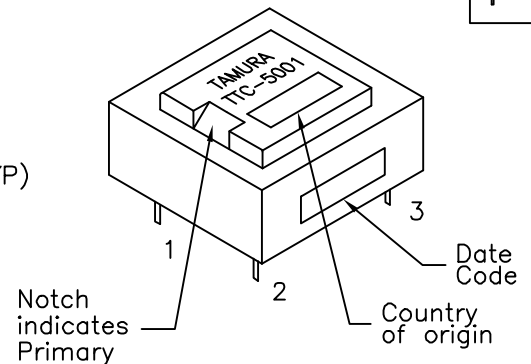


ENCAPSULATED TELECOMMUNICATION MODEM COUPLING TRANSFORMER
COMPATIBLE WITH V.90 TECHNOLOGIES

A. Electrical Specifications (@ 25°C)

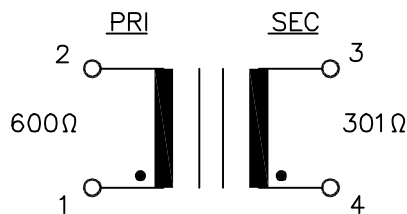
1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 301Ω
3. Insertion Loss;
3.25dB MAX @ 1KHz, 0dBm
4. Frequency Response (relative to 1KHz)
±0.25dB @ 200Hz to 4KHz, 0dBm
5. Longitudinal Balance;
60dB MIN @ 200Hz to 1KHz
40dB MIN @ 1KHz to 4KHz
6. Return Loss; 20dB MIN @ 1KHz, 0dBm (26dB TYP)
7. DC Resistance;
(1-2) = 150Ω ±15%
(3-4) = 150Ω ±15%
8. Turns Ratio; (1-2):(4-3) = 1:1.00±2%
9. Dielectric Strength;
3750Vrms 1 second Pri to Sec
10. Total Harmonic Distortion:
-86dB MAX @ 600Hz, -10dBm (-92dB TYP)


UL #E208555


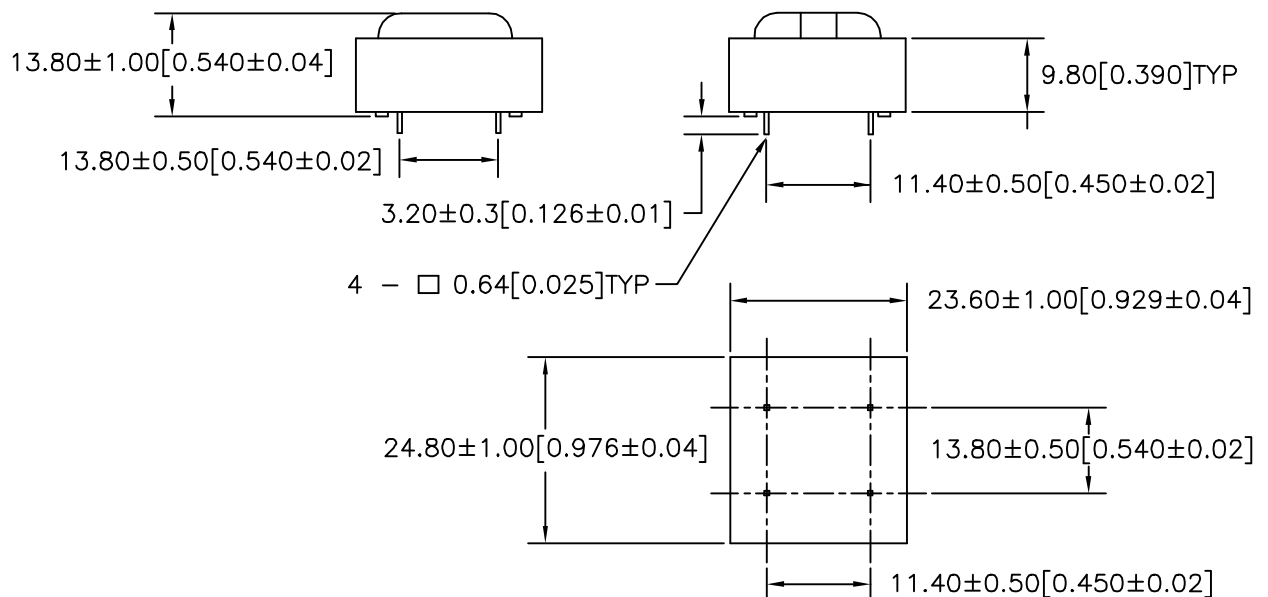
B. Marking; TTC-5001, TAMURA, date code and country of origin

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

D. Schematic Diagram



E. Mechanical Specifications



PREPARED BY:

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ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-12725
ACAD\TTC\A1127251.DWGREV
—MODEM COUPLING
TRANSFORMERTAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

TTC-5001

MODEL SPECIFICATION

DIM: mm(in) SCL: 1/1 SH: 1 OF 1

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MODEL NUMBER

TTC-5001