

TELECOMMUNICATION MODEM COUPLING TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES

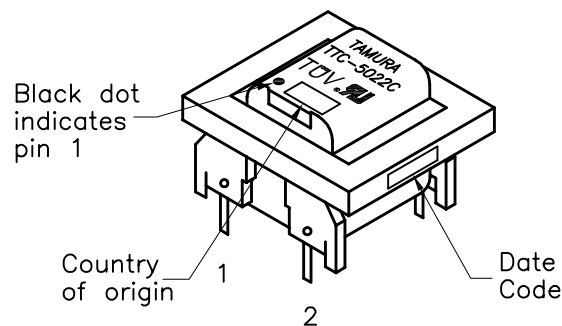
A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 374Ω
3. DC Current; 0mA
4. Insertion Loss;
2.0 ±0.25dB @ 1KHz, 0dBm
5. Frequency Response (relative to 1KHz)
±0.20dB 200Hz to 4KHz @ 0dBm
6. Longitudinal Balance;
60dB MIN @ 200Hz to 1KHz
40dB MIN @ 1KHz to 4KHz
7. Return Loss; 30dB TYP @ 1KHz, 0dBm
8. DC Resistance;
(1-2)= 108Ω ±15%
(3-4)= 120Ω ±15%
9. Turns Ratio; (1-2):(4-3) = 1:1.00±2%
10. Dielectric Strength;
1875Vrms 1 second Pri to Sec
11. Total Harmonic Distortion;
-86dB MAX @ 600Hz, -10dBm



MODEL NUMBER

TTC-5022

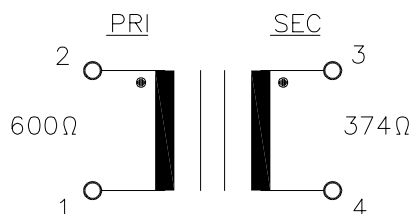


UL #E208555

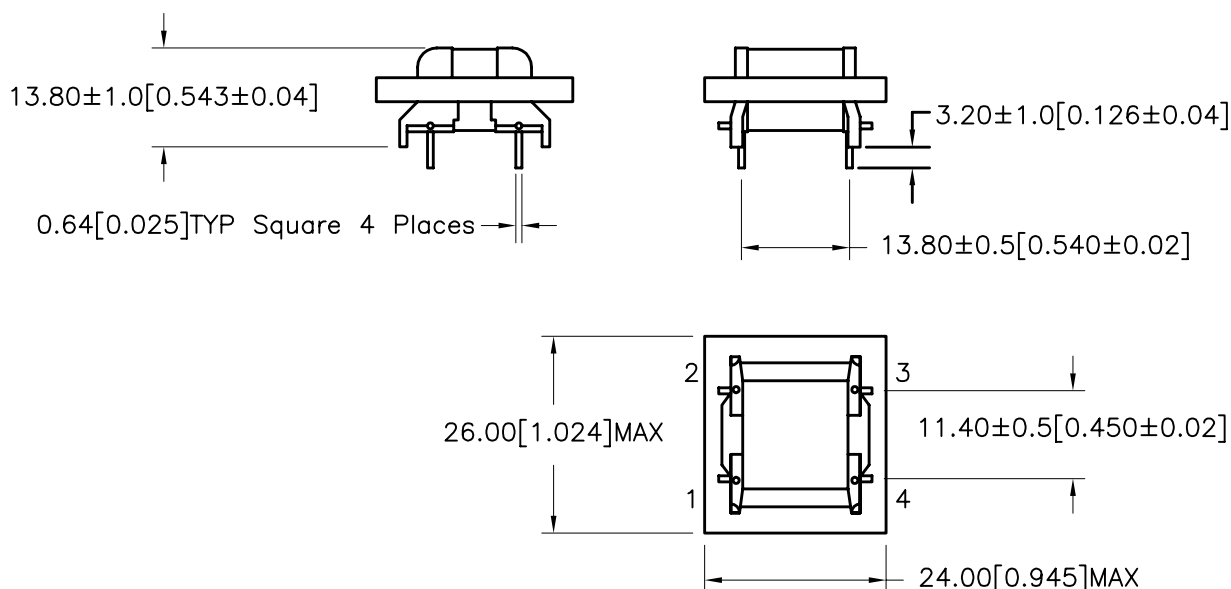
B. Marking; TTC-5022C, TAMURA, date code and country of origin.
"C" designates UL approved family classification.

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

D. Schematic Diagram



E. Mechanical Specifications



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APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.
P-A1-12607
ACAD\TTC\A1126071.DWG

REV
A

MODEM COUPLING
TRANSFORMER

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TTC-5022

MODEL SPECIFICATION

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

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