

TELECOMMUNICATION MODEM COUPLING TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES

A. Electrical Specifications (@ 25°C)

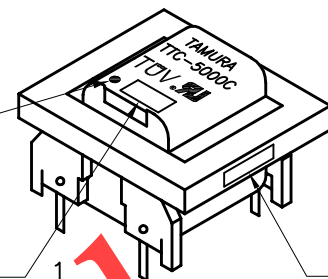
1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 301Ω
3. Insertion Loss;
3.25dB MAX @ 1KHz, 0dBm
4. Frequency Response (relative to 1KHz)
±0.25dB @ 200Hz to 4KHz, 0dBm
5. Longitudinal Balance;
60dB MIN @ 200Hz to 1KHz
40dB MIN @ 1KHz to 4KHz
6. Return Loss; 20dB MIN @ 1KHz, 0dBm (-26dB TYP)
7. DC Resistance;
(1-2)= 150Ω ±15%
(3-4)= 150Ω ±15%
8. Turns Ratio; (1-2):(4-3) = 1:1.00±2%
9. Dielectric Strength;
1875Vrms 1 second Pri to Sec
10. Total Harmonic Distortion;
-86dB MAX @ 600Hz, -10dBm (-92dB TYP)



MODEL NUMBER

TTC-5000

Black dot
indicates
pin 1



Country
of origin

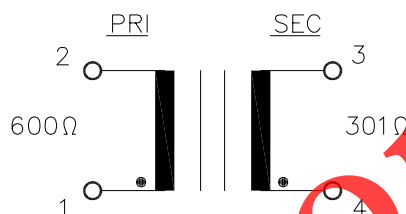
Date
Code

- B. Marking; TTC-5000C, TAMURA, date code and country of origin.
"C" designates UL approved family classification

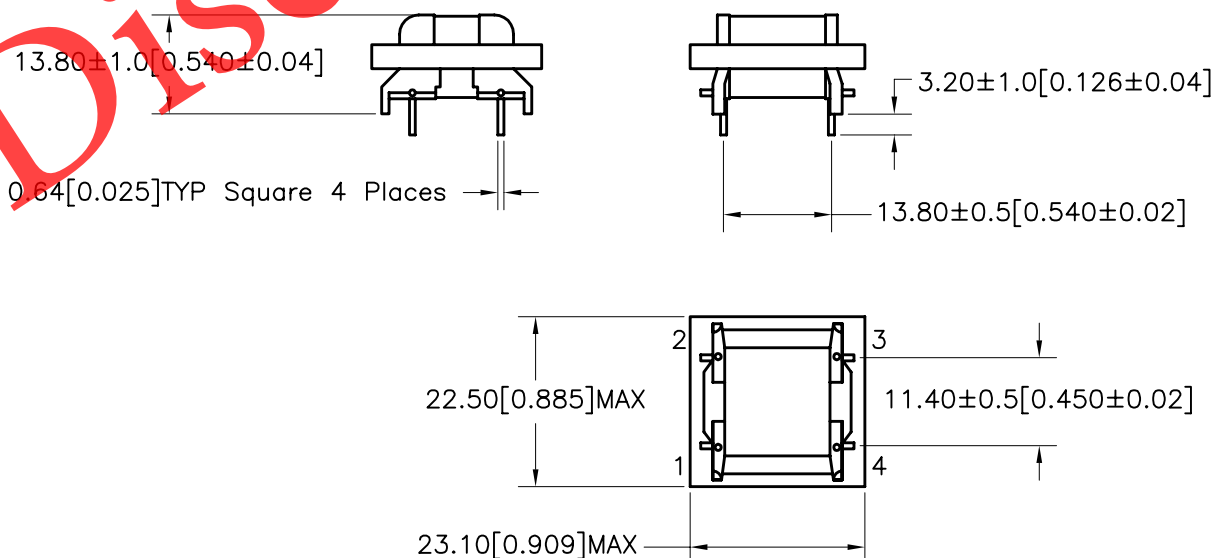
- C. Safety: UL 1950 3rd Edition, UL60950, EN60950

UL #E208555

- D. Schematic Diagram



- E. Mechanical Specifications



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DWG CONTROL NO.
P-A1-12311
ACAD\TTC\A1123111.DWG

REV
B

MODEM COUPLING
TRANSFORMER

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TTC-5000

MODEL SPECIFICATION

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

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