

TELECOMMUNICATION MODEM COUPLING TRANSFORMER FOR V.90 WET APPLICATION

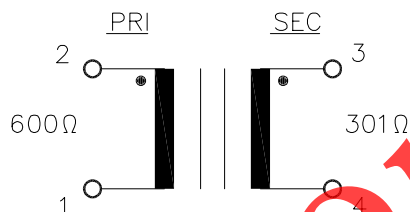
A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 301Ω
3. Insertion Loss;
4.00dB MAX @ 1KHz, 0dBm, 65mADC
4. Frequency Response (relative to 1KHz)
±3.5dB @ 300Hz to 600Hz, 0dBm
±1.0dB @ 600Hz to 4KHz, 0dBm
5. Longitudinal Balance;
60dB MIN @ 200Hz to 1KHz
40dB MIN @ 1KHz to 4KHz
6. Return Loss; 15dB TYP @ 1KHz, 0dBm
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;
-82dB MAX @ 600Hz, -10dBm, 65mADC

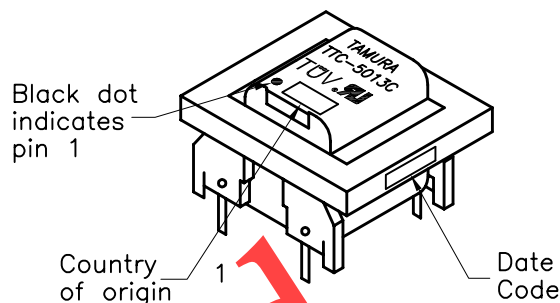
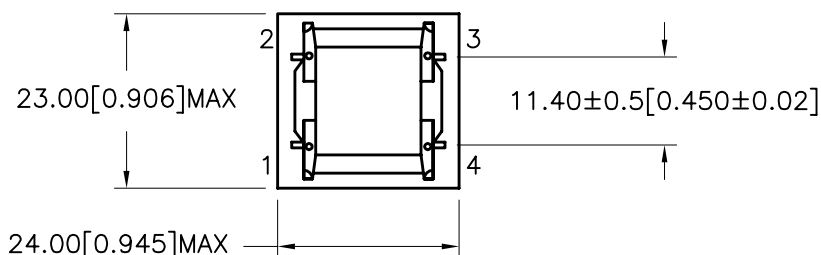
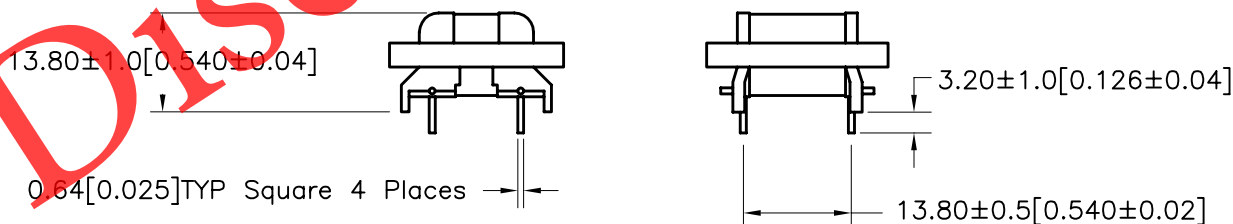
B. Marking; TTC-5013C, TAMURA, date code and country of origin "C" designates UL approved family classification

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

D. Schematic Diagram



E. Mechanical Specifications



MODEL NUMBER

TTC-5013

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DWG CONTROL NO.
P-A1-12513
ACAD\TTC\A1125131.DWG

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MODEM COUPLING
TRANSFORMER

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TTC-5013

MODEL SPECIFICATION

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

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