

TELECOMMUNICATION MODEM COUPLING TRANSFORMER FOR WET APPLICATIONS

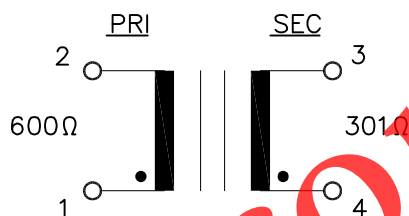
A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 301Ω
3. Operating Level; -20dBm to +4dBm
4. Insertion Loss;
3.75dB MAX @ 1KHz, 0dBm, DC 65mA
5. Frequency Response (relative to 1 KHz)
±4.0dB @ 300Hz to 600Hz, 0dBm
±1.0dB @ 600Hz to 3.5KHz, 0dBm
6. Longitudinal Balance;
66dB MIN @ 60Hz to 1KHz
46dB MIN @ 1KHz to 4KHz
(Per FCC Part 68.310 with 4 grounded)
7. DC Resistance;
(1-2)=152Ω ±15%
(3-4)=152Ω ±15%
8. Turns Ratio; (1-2):(4-3) = 1:1.00±2%
9. Dielectric Strength;
3750Vrms 1 second Pri to Sec

B. Marking; TTC-5010A, TAMURA, date code and country of origin.
"A" designates UL approved family classification.

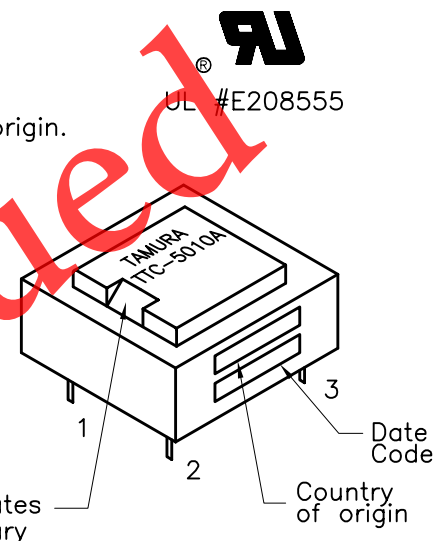
C. Safety: UL1950 3rd Edition, UL60950

D. Schematic Diagram

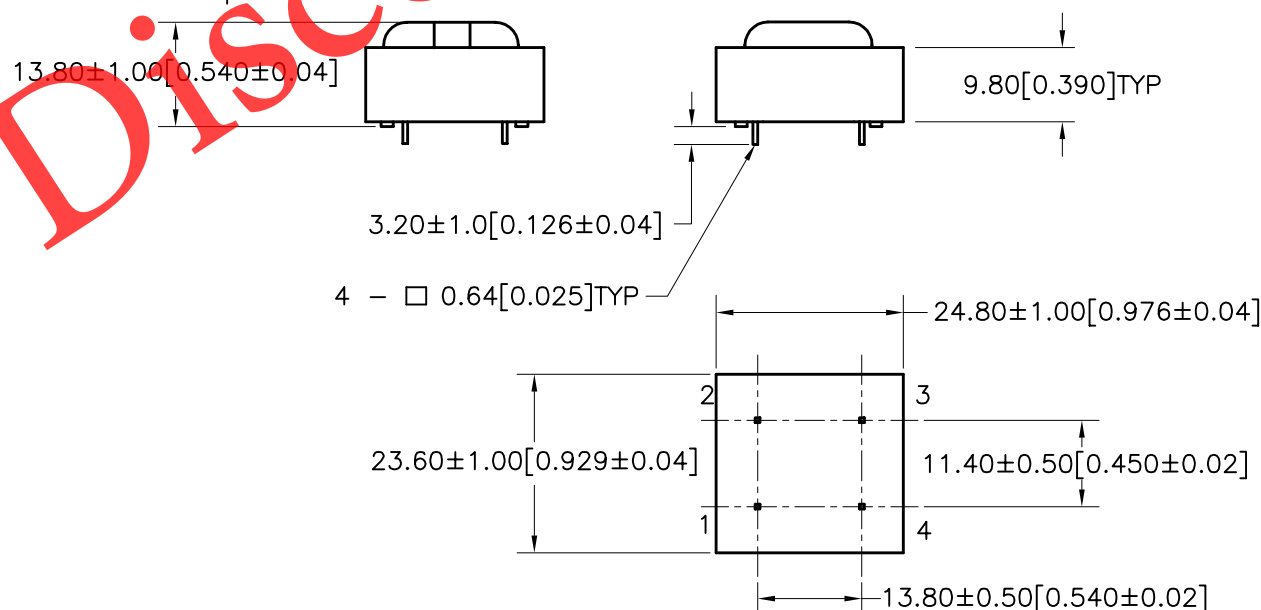


MODEL NUMBER

TTC-5010



E. Mechanical Specifications



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DWG CONTROL NO.
P-A1-12313
ACAD\TTC\A1123131.DWG

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B

MODEM COUPLING
TRANSFORMER

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TTC-5010

MODEL SPECIFICATION

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

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