



TELECOMMUNICATION MODEM COUPLING TRANSFORMER FOR WET APPLICATIONS

MODEL NUMBER
TTC-5010

REV. Status

REVISION -
12/10/01 MP

REVISION A
DEL SAFETY
EN60950 ADDED
RoHS
04/19/04 MP

REVISION B
ADDED "A" CLASS
TO MARKING
NOTE. REV'D PIN
DIMS
05/16/06 MP

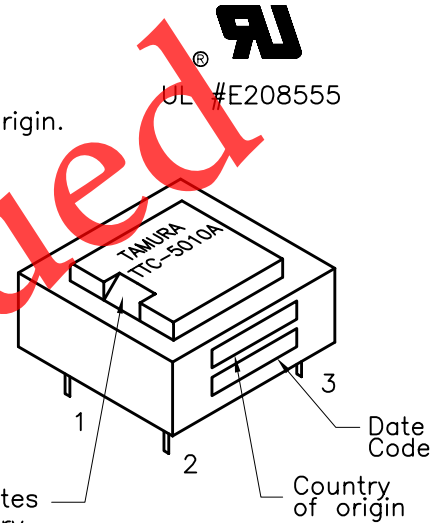
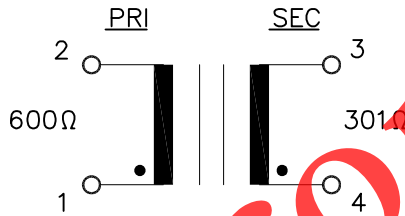
- A. Electrical Specifications (@ 25°C)
1. Pri Source Impedance; 600Ω
 2. Sec Load Impedance; 301Ω
 3. Operating Level; -20dBm to +4dBm
 4. Insertion Loss;
3.75dB MAX @ 1KHz, 0dBm, DC 65mA
 5. Frequency Response (relative to 1 KHz)
±4.0dB @ 300Hz to 600Hz, 0dBm
±1.0dB @ 600Hz to 3.5KHz, 0dBm
 6. Longitudinal 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



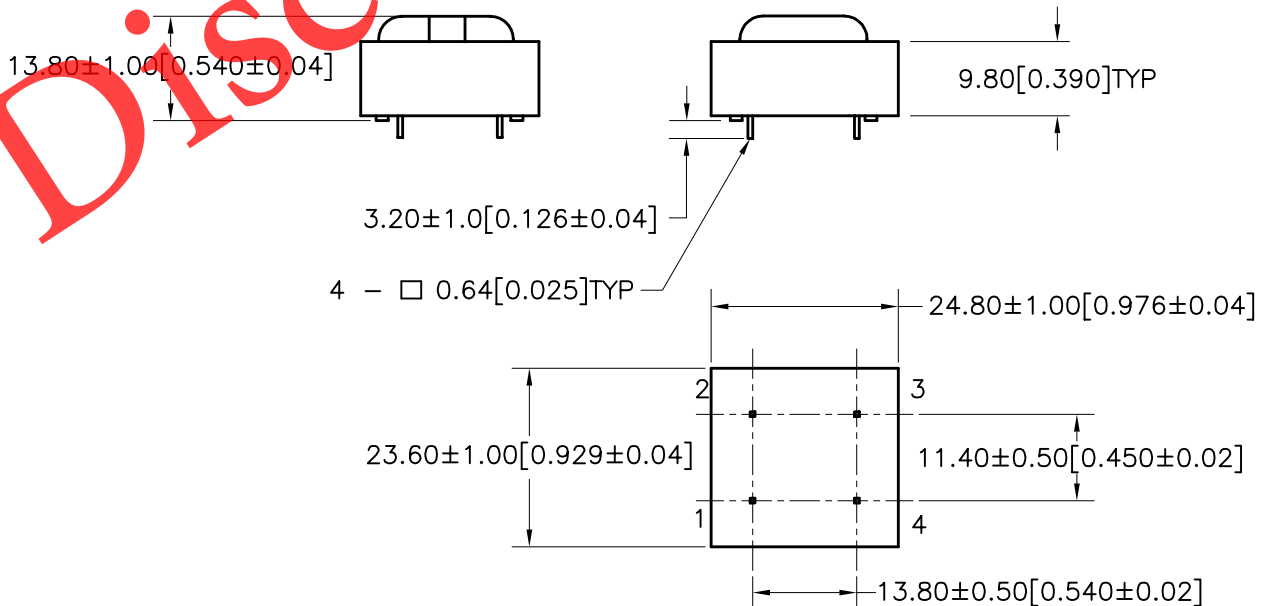
B. Marking; TTC-5010A, TAMURA, date code and country of origin.
"A" designates UL approved family classification.

C. Safety: UL1950 3rd Edition, UL60950

D. Schematic Diagram



E. Mechanical Specifications



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QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

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

REV
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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