REV. Status

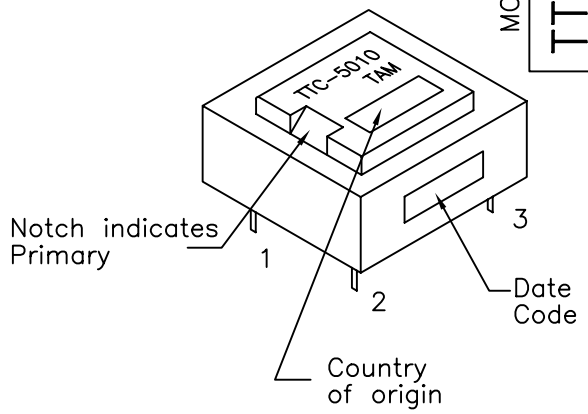
REVISION –
03/09/04 MP

TELECOMMUNICATION MODEM COUPLING TRANSFORMER FOR WET APPLICATION

MODEL NUMBER
TTC–5010

A. Electrical Specifications (@ 25°C)

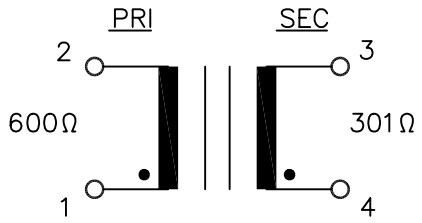
1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 301Ω
3. Operating Level; –20dBm to +4dBm
4. Insertion Loss;
   3.75dB MAX @ 1KHz, 0dBm, DC 65mA
5. Frequency Response (relative to 1 KHz)
   ±4.0dB @ 300Hz to 600Hz, 0dBm
   ±1.0dB @ 600Hz to 3.5KHz, 0dBm
6. Longitudinal Balance;
   66dB MIN @ 60Hz 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



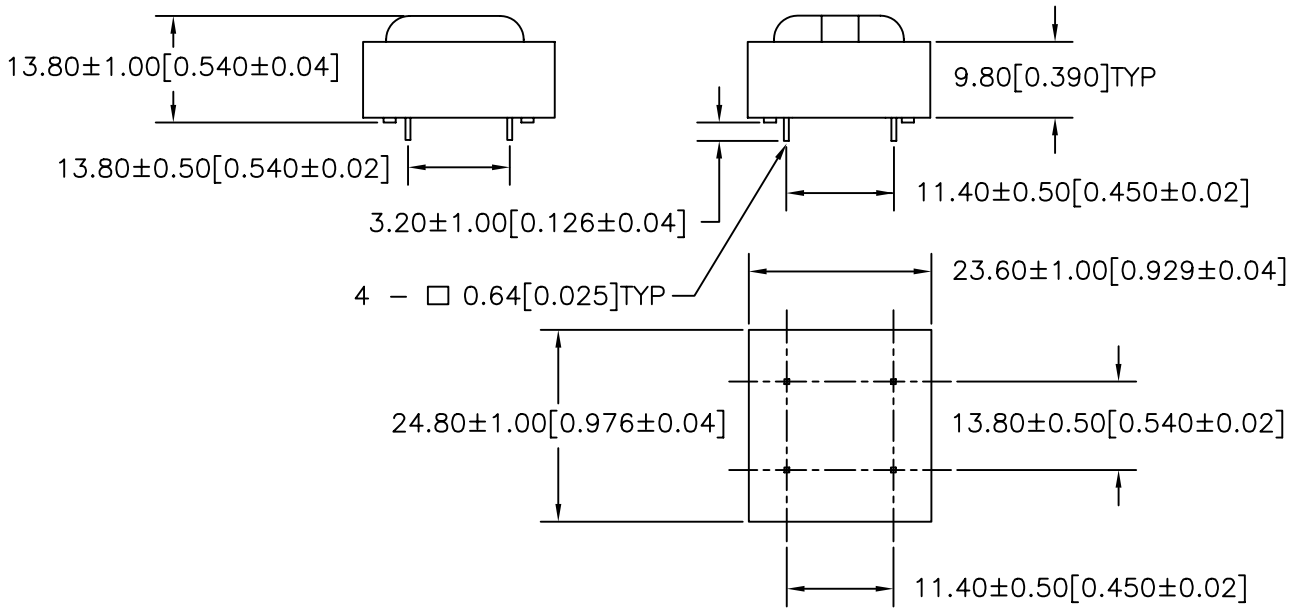
B. Marking; TTC–5010, TAMURA, date code and country of origin

C. Safety: UL1950 3rd Edition, UL60950, EN60950

D. Schematic Diagram



E. Mechanical Specifications



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DWG CONTROL NO.	REV
P–A1–12313 ACAD\TTC\A1123131.DWG	–

MODEM COUPLING TRANSFORMER

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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TTC–5010
MODEL SPECIFICATION

DIM: mm(In) | SCL: 1/1 | SH: 1 OF 1