

REV. Status

REVISION -
09/28/00 MP

REVISION A
REVISED MARKING
& TOLERANCE
ON PINS
04/14/05 MP

TELECOMMUNICATION MODEM COUPLING TRANSFORMER FOR WET APPLICATION

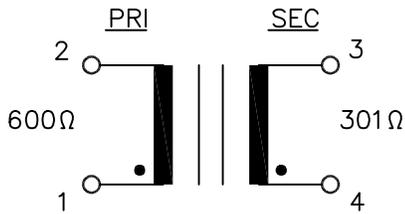
A. Electrical Specifications (@ 25°C)

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;
1875Vrms 1 second Pri to Sec

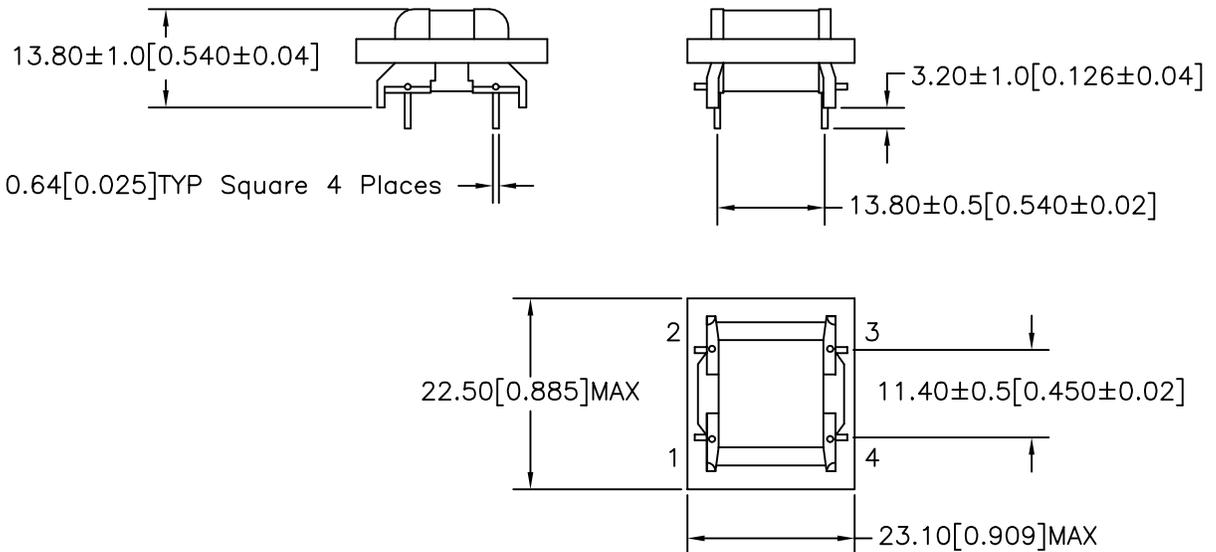
B. Marking; TTC-5020C, TAMURA, date code and country of origin
"C" designates UL approved family classification

C. Safety: UL 1950 Third Edition, UL60950, EN60950

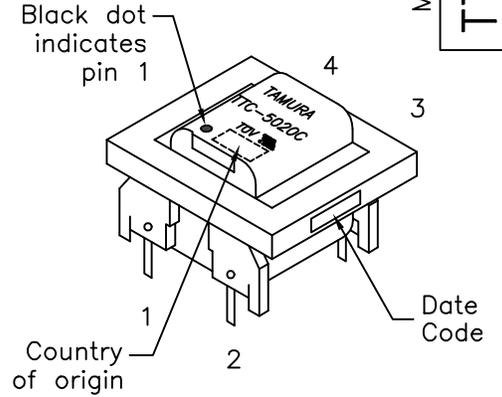
D. Schematic Diagram



E. Mechanical Specifications




UL# E208555



MODEL NUMBER
TTC-5020

PREPARED BY:
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ENGINEER:
M. PITCHAI
DWG CONTROL NO. P-A1-12509
ACAD\TTC\A1125091.DWG
REV A

MODEM COUPLING TRANSFORMER
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TTC-5020
MODEL SPECIFICATION

QUALITY CONTROL:
T. CLEM

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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

APPROVED:
Y. SEKIGUCHI

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