

REV. Status

REVISION -
11/08/01 MP

TELECOMMUNICATION MODEM COUPLING TRANSFORMER FOR WET APPLICATION

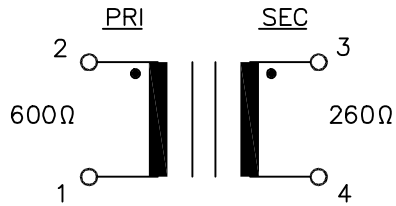
A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance; 600 Ω
2. Sec Load Impedance; 260 Ω
3. Insertion Loss;
4.0dB MAX @ 1KHz, 0dBm, DC 50mA
4. Frequency Response (relative to 1KHz)
 ± 2.5 dB @ 200Hz to 4KHz, 0dBm, DC 50mA
5. Longitudinal Balance;
60dB MIN @ 60Hz to 1KHz
40dB MIN @ 1KHz to 4KHz
(Per FCC Part 68.310 with 4 grounded)
6. Return Loss; 8dB MIN @ 200Hz to 4KHz, 0dBm
7. DC Resistance;
(1-2) = 170 Ω $\pm 10\%$
(3-4) = 170 Ω $\pm 10\%$
8. Turns Ratio; (1-2):(4-3) = 1:1.00 $\pm 2\%$
9. Dielectric Strength;
1875Vrms 1 second @ Pri to Sec
10. Total Harmonic Distortion;
-60dB TYP @ 600Hz, -10dBm

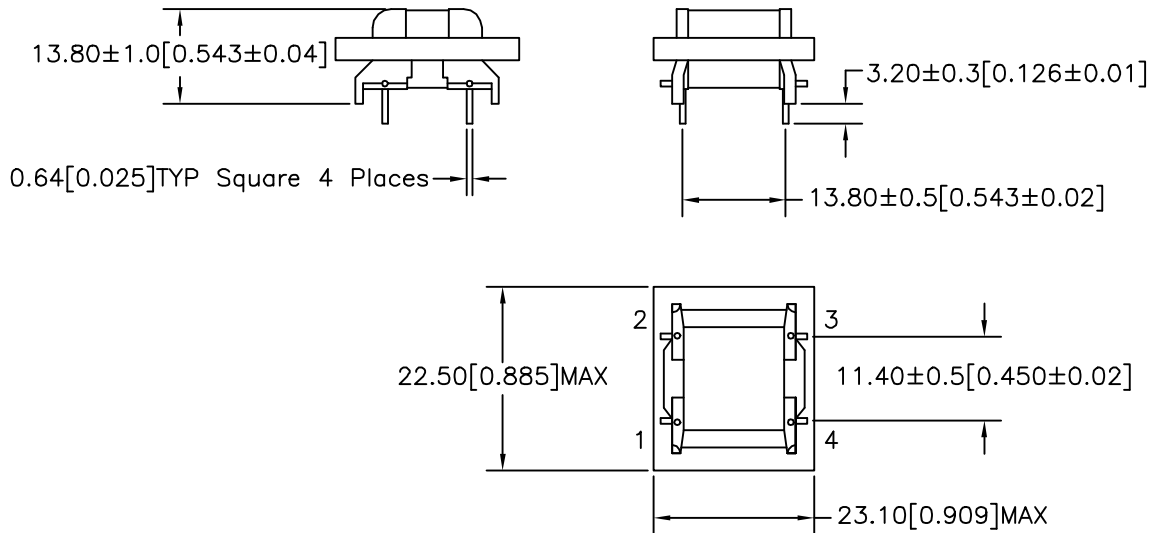
B. Marking; TTC-5019C, TAMURA, date code and country of origin
"C" designates UL approved family classification.

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

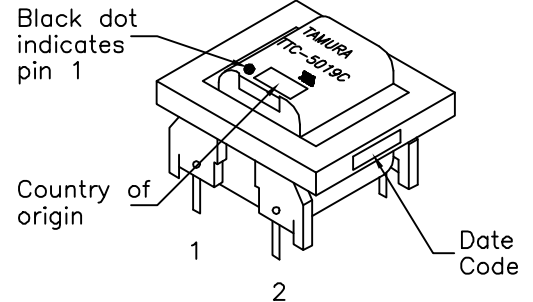
D. Schematic Diagram;



E. Mechanical Specifications;




UL# E208555



MODEL NUMBER

TTC-5019

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ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-12503
ACAD\TTC\A1125031.DWG

REV
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MODEM COUPLING
TRANSFORMER

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TTC-5019

MODEL SPECIFICATION

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

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