

TELECOMMUNICATION MODEM COUPLING TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES

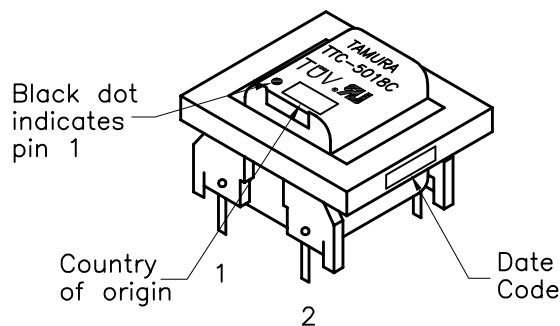
A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω
3. Insertion Loss;
0.75dB MAX @ 1KHz, 0dBm
4. Frequency Response (relative to 1KHz)
±0.50dB @ 200Hz to 4KHz, 0dBm
5. Longitudinal Balance;
60dB MIN @ 200Hz to 1KHz
40dB MIN @ 1KHz to 4KHz
6. Return Loss; 20dB MIN @ 1KHz, 0dBm
7. DC Resistance;
(1-2) = 25Ω ±10%
(3-4) = 21Ω ±10%
8. Turns Ratio; (1-2):(4-3) = 1:1.00±2%
9. Dielectric Strength;
1875Vrms 1 second Pri to Sec
10. Total Harmonic Distortion;
-70dB MAX @ 600Hz, -10dBm (-76dB TYP)



MODEL NUMBER

TTC-5018

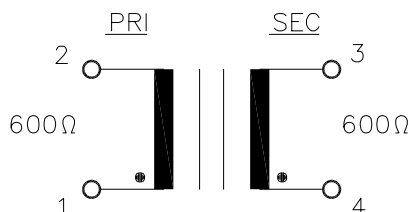


- B. Marking; TTC-5018C, TAMURA, date code and country of origin.
"C" designates UL approved family classification.

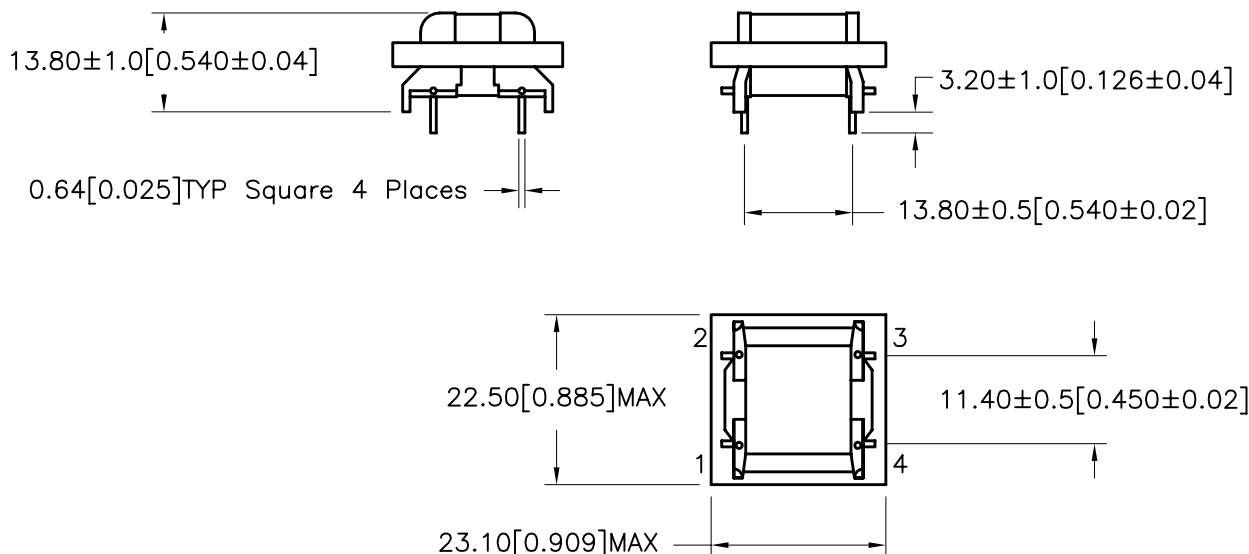


- C. Safety; UL 1950 3rd Edition, UL60950, EN60950

- D. Schematic Diagram



- E. Mechanical Specifications



PREPARED BY:

K. BRENNAN

ENGINEER:

M. PITCHAI

QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.
P-A1-12743
ACAD\TTC\A1127431.DWG

REV
B

MODEM COUPLING
TRANSFORMER

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(951) 699-1270 FAX 9516769482

TTC-5018

MODEL SPECIFICATION

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

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