

TELECOMMUNICATION MODEM COUPLING TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES

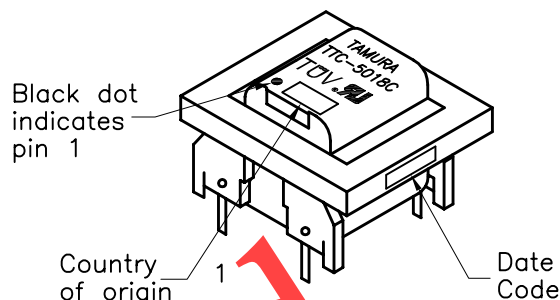
A. Electrical Specifications (@ 25°C)

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

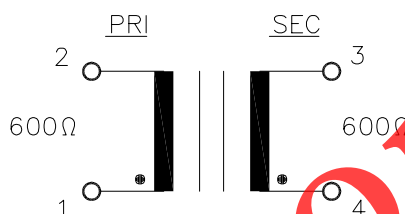


- B. Marking; TTC-5018C, TAMURA, date code and country of origin.  
"C" designates UL approved family classification.

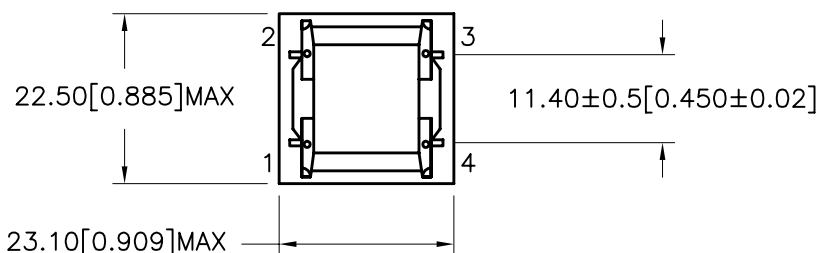
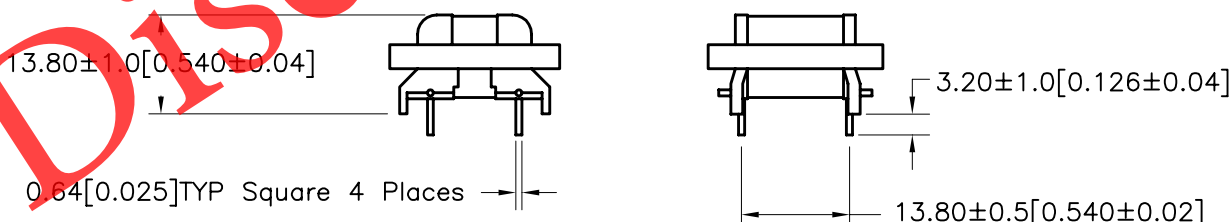
- C. Safety; UL 1950 3rd Edition, UL60950, EN60950

UL #E208555

- D. Schematic Diagram



- E. Mechanical Specifications



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

REV  
B

MODEM COUPLING  
TRANSFORMER

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TTC-5018

MODEL SPECIFICATION

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

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