

REV. Status

REVISION -
12/14/01 MP

TELECOMMUNICATION SMD MODEM TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES

A. Electrical Specifications (@ 25° C)

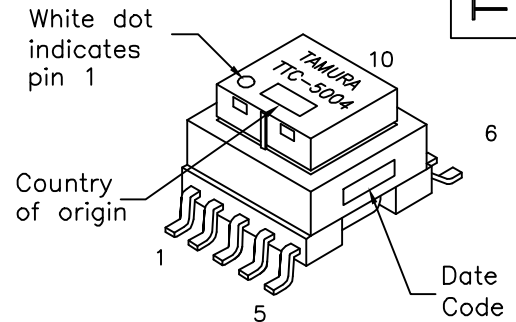
1. Primary Impedance; 600Ω
2. Secondary Impedance; 392Ω
3. Insertion Loss: 2.20dB MAX @ 1KHz, 0dBm
4. Frequency Response; ±0.25dB @ 200Hz to 4KHz, 0dBm
5. Longitudinal Balance;
60dB MIN @ 200Hz to 4KHz, 0dBm
6. Return Loss; 20dB MIN @ 200Hz to 4KHz, 0dBm
7. DC Resistance;
(1-4):94Ω ±15%
(7-10):118Ω ±15%
8. Turns Ratio; (1-4):(7-10)=1:1.00±2%
9. Total Harmonic Distortion;
-85dB MAX @ 600Hz, -10dBm (-89dB TYP)
10. Dielectric Strength; 1875Vrms 1 second, Pri-Sec



UL# E208555

MODEL NUMBER

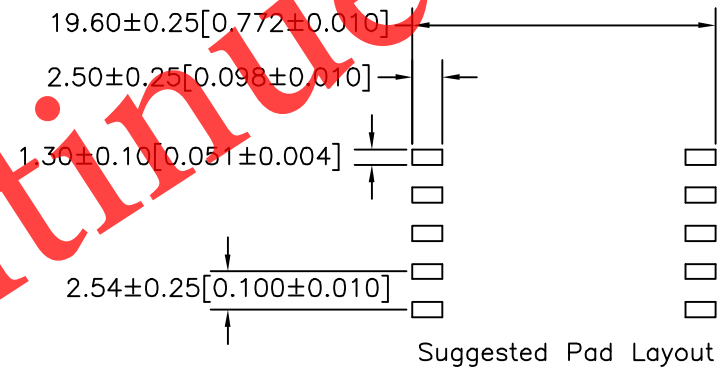
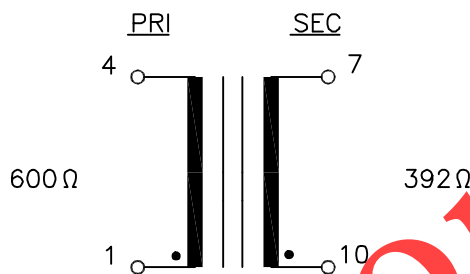
TTC-5004



B. Marking; TTC-5004, TAMURA, date code and country of origin

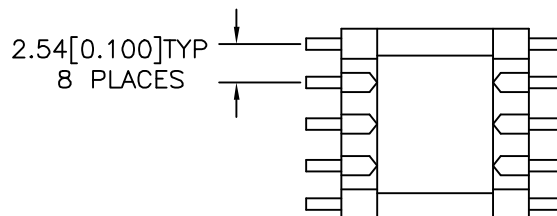
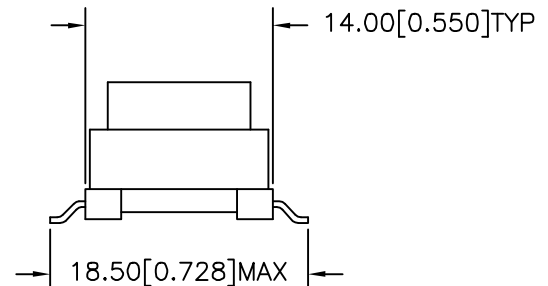
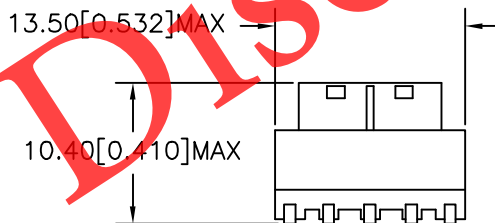
C. Safety; UL1950 3rd Edition, UL60950

D. Schematic;



Suggested Pad Layout

E. Mechanical Specifications;



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TTC-5004

MODEL SPECIFICATION

DIM: mm(in) SCL: 2/1 SH: 1 OF 1

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