

REV. Status

REVISION –
07/26/01 MPREVISION A
CHANGED
PAD LAYOUT
& DIMENSION
ON E.
12/14/01 MP

TELECOMMUNICATION SMD MODEM TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES

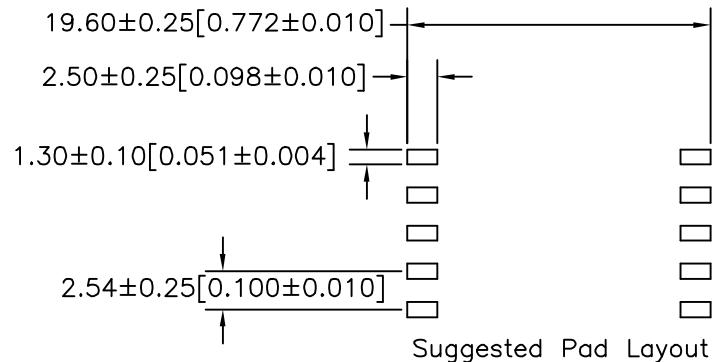
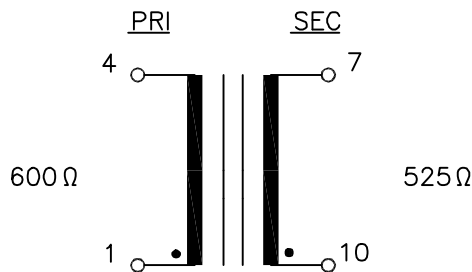
A. Electrical Specifications (@ 25° C)

1. Primary Impedance; 600 Ω
2. Secondary Impedance; 525 Ω
3. Insertion Loss: 1.60dB MAX @ 1KHz, 0dBm
4. Frequency Response; ± 0.25 dB @ 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;
(4-1):63 Ω $\pm 15\%$
(10-7):82 Ω $\pm 15\%$
8. Turns Ratio; (4-1):(10-7)=1:1.00 $\pm 2\%$
9. Total Harmonic Distortion;
-80dB MAX @ 600Hz, -10dBm (-86dB TYP)
10. Dielectric Strength; 1875Vrms 1 second @ Pri-Sec

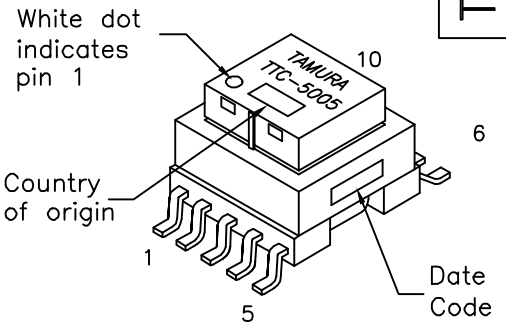
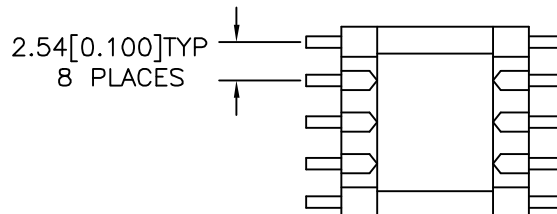
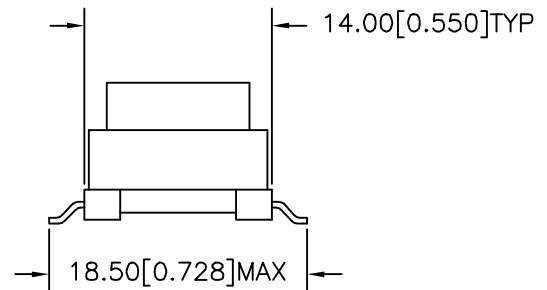
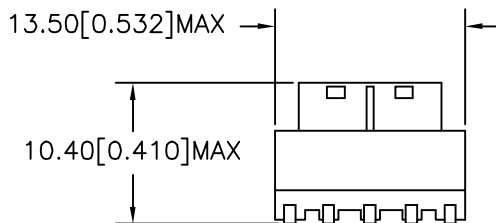
B. Marking; TTC-5005, TAMURA, date code and country of origin

C. Safety; UL1950 3rd Edition, UL60950

D. Schematic;



E. Mechanical Specifications;



MODEL NUMBER

TTC-5005

PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-12559
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TTC-5005

MODEL SPECIFICATION

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

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