

REV. Status

REVISION -  
07/26/01 MP

REVISION A  
CHANGED  
PAD LAYOUT  
& DIMENSION  
ON E.  
12/14/01 MP

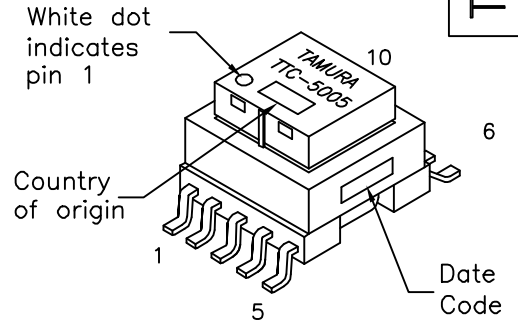
TELECOMMUNICATION SMD MODEM TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES

A. Electrical Specifications (@ 25° C)

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



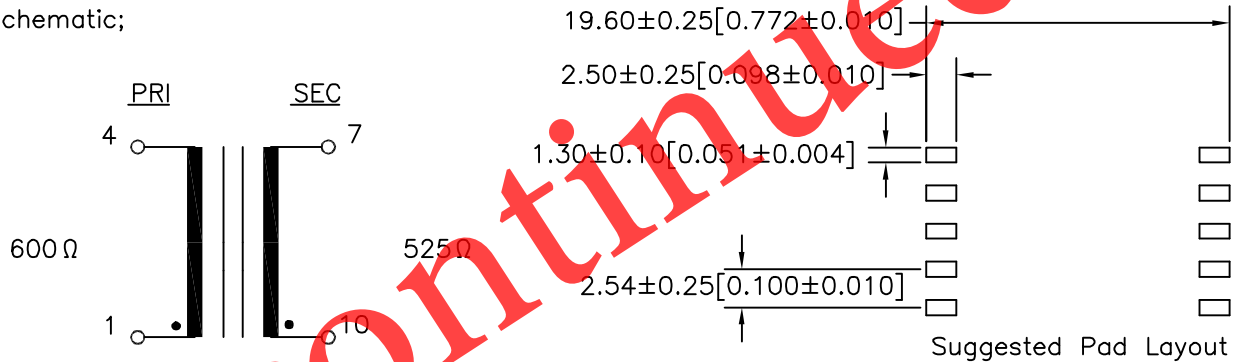
MODEL NUMBER  
TTC-5005



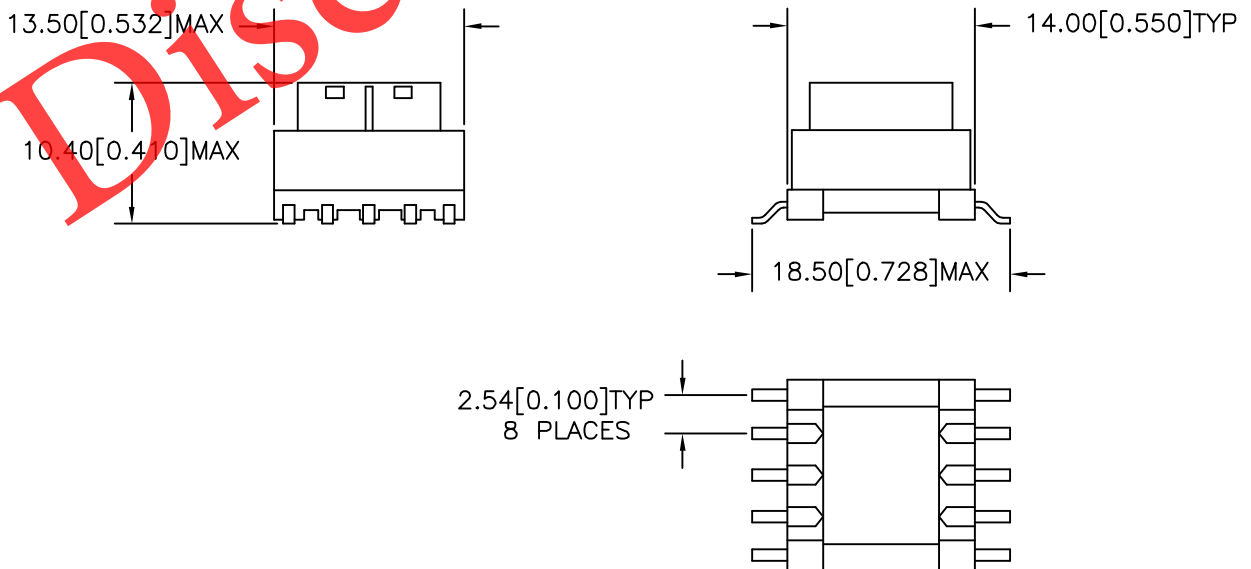
B. Marking; TTC-5005, TAMURA, date code and country of origin

C. Safety; UL1950 3rd Edition, UL60950

D. Schematic;



E. Mechanical Specifications;



PREPARED BY:

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QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.  
P-A1-12559  
ACAD\TTC\A1125591.DWG

REV  
A

TELECOMMUNICATION V.90  
MODEM TRANSFORMER

**TAMURA CORPORATION OF AMERICA**  
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
(909) 699-1270 FAX 9096769482

**TTC-5005**

MODEL SPECIFICATION

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

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