



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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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

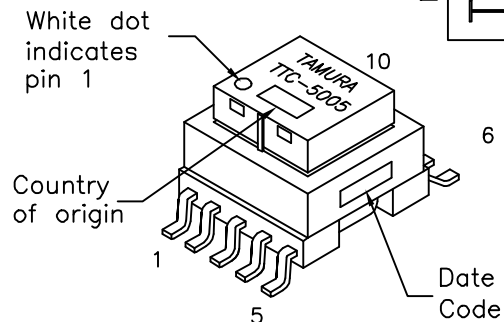
A. Electrical Specifications (@ 25° C)

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

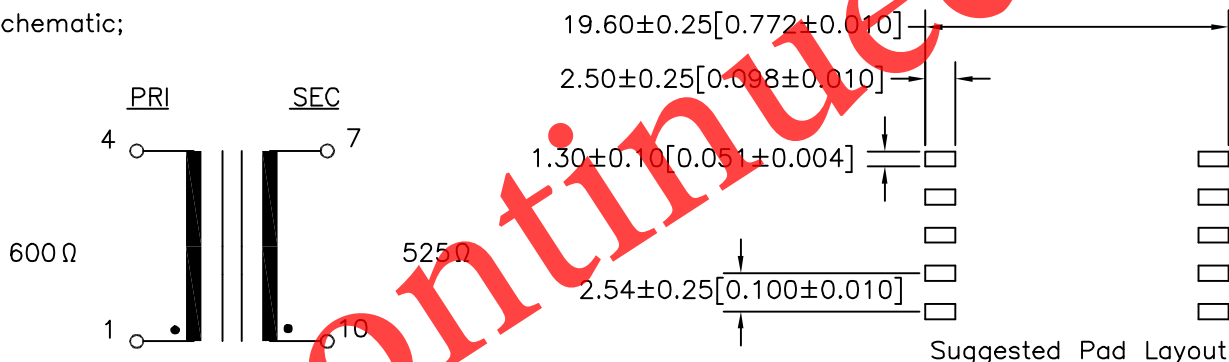
TTC-5005



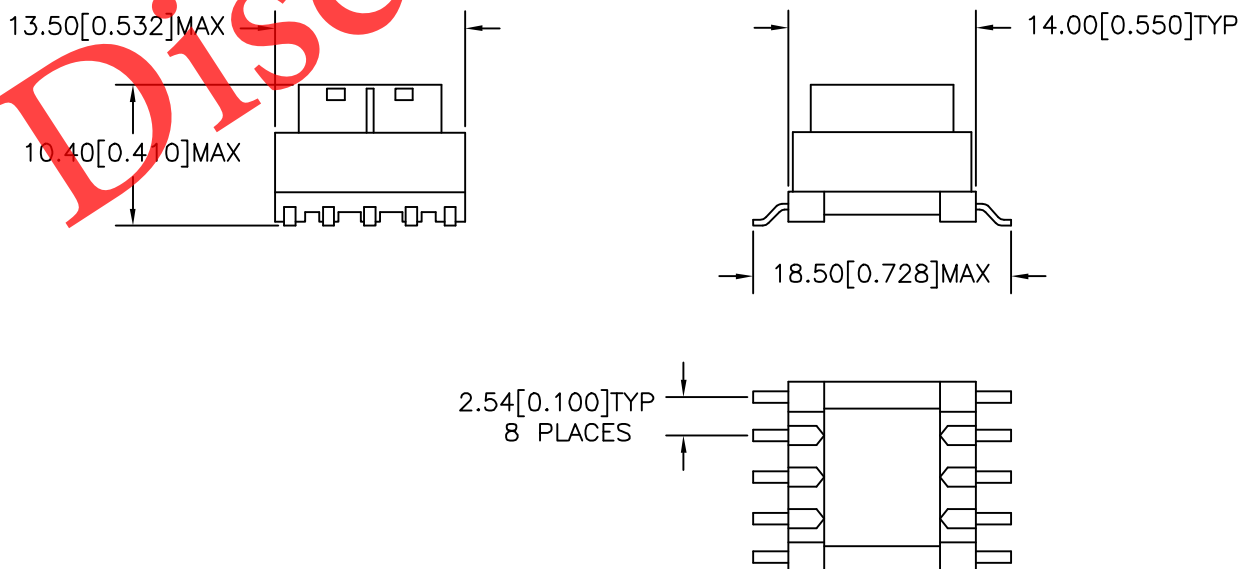
B. Marking; TTC-5005, TAMURA, date code and country of origin

C. Safety; UL1950 3rd Edition, UL60950

D. Schematic;



E. Mechanical Specifications;



PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

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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