



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



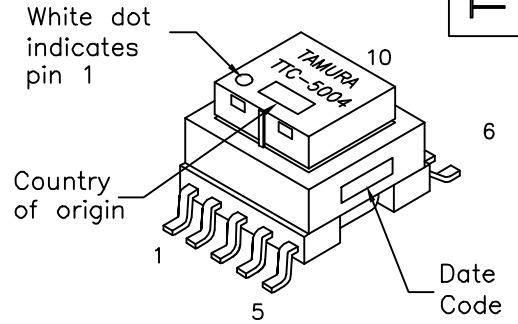
TELECOMMUNICATION SMD MODEM TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES

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



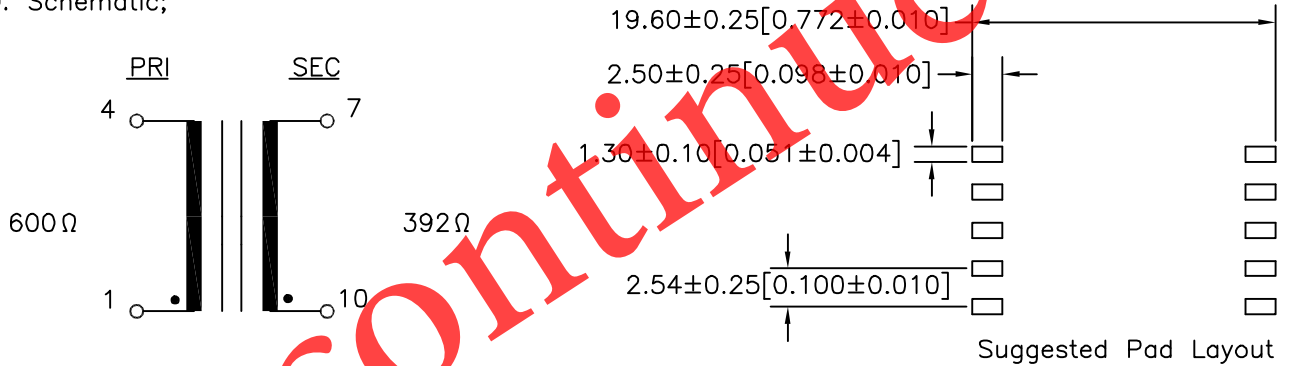
MODEL NUMBER  
**TTC-5004**



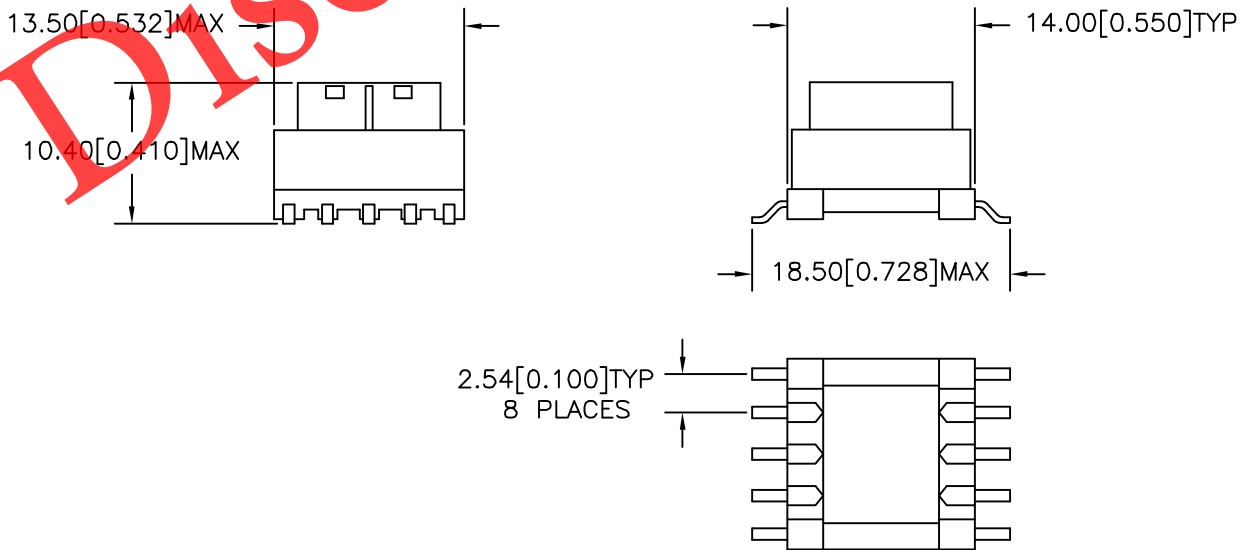
B. Marking; TTC-5004, TAMURA, date code and country of origin

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-A1-12561  
ACAD\TTC\A1125611.DWG

REV  
-

TELECOMMUNICATION V.90  
MODEM TRANSFORMER

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

**TTC-5004**

MODEL SPECIFICATION

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

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