



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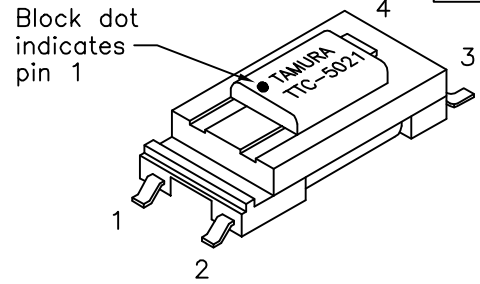
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



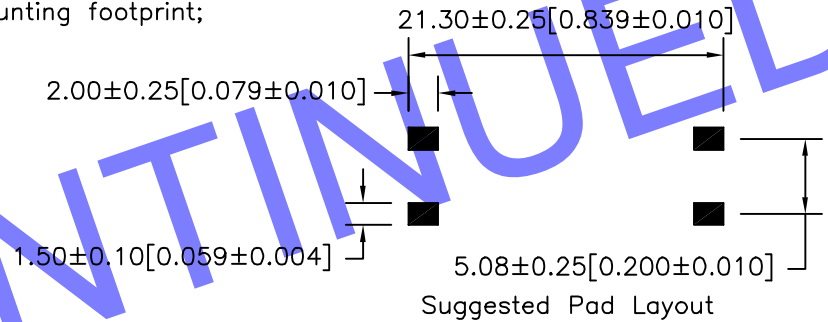
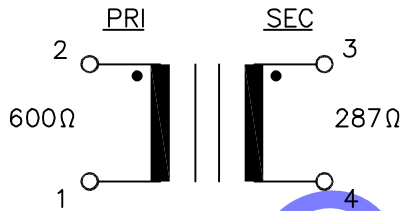
TELECOMMUNICATION LOW PROFILE SMD MODEM TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES FOR PCMCIA APPLICATION.

MODEL NUMBER  
**TTC-5021**

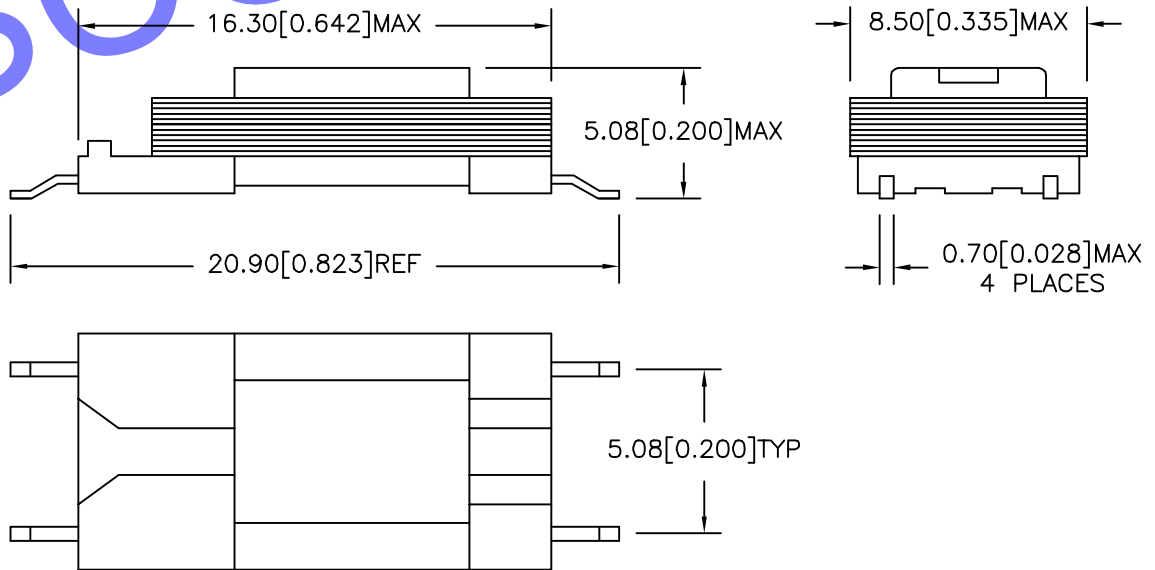
- A. Electrical specifications (@ 25° C)
1. Pri source impedance; 600Ω
  2. Sec load impedance; 287Ω
  3. Frequency response; ±0.25dB, 200Hz to 4KHz, 0dBm
  4. Return loss; 20dB MIN @ 200Hz to 4KHz
  5. Insertion loss; 3.85dB MAX @ 1KHz, 0dBm
  6. Longitudinal balance; 60dB MIN @ 200Hz to 4KHz
  7. DC resistance;
    - (1-2) = 155Ω ±15%
    - (3-4) = 145Ω ±15%
  8. Turns ratio; (1-2) : (3-4) = 1 : 1.00 ±2%
  9. Dielectric strength; 1875Vrms 1 second @ Pri to Sec
  10. Total harmonic distortion; -82dB TYP @ 600Hz, -10dBm



- B. Marking; TTC-5021, TAMURA and date code  
 C. Safety; Designed to meet UL1950 3rd Edition, UL60950, EN60950  
 D. Schematic diagram and mounting footprint;



- E. Mechanical Specifications;  
 All dimensions shown are nominal unless otherwise specified



PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DRAWING CONTROL NO.  
P-A1-12599  
ACAD\TTC\A1125991.DWG

REV

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MODEL DESCRIPTION  
TELECOMMUNICATION V.90 SMD MODEM  
TRANSFORMER

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

MODEL SPECIFICATION

**TTC-5021**

DIM: mm(ln) SCL: 4/1 SH: 1 OF 1

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