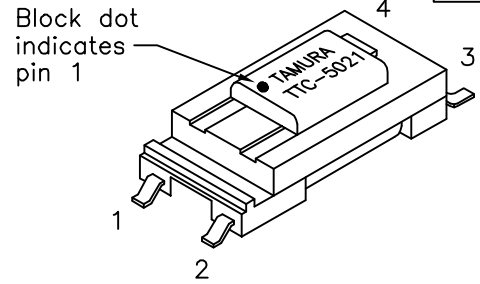


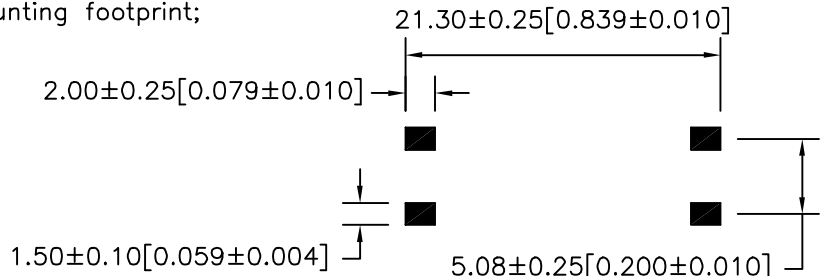
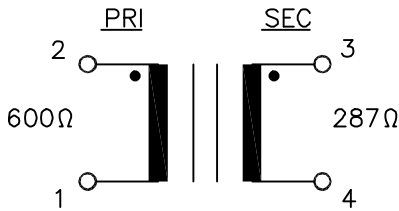
TELECOMMUNICATION LOW PROFILE SMD MODEM TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES FOR PCMCIA APPLICATION.

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

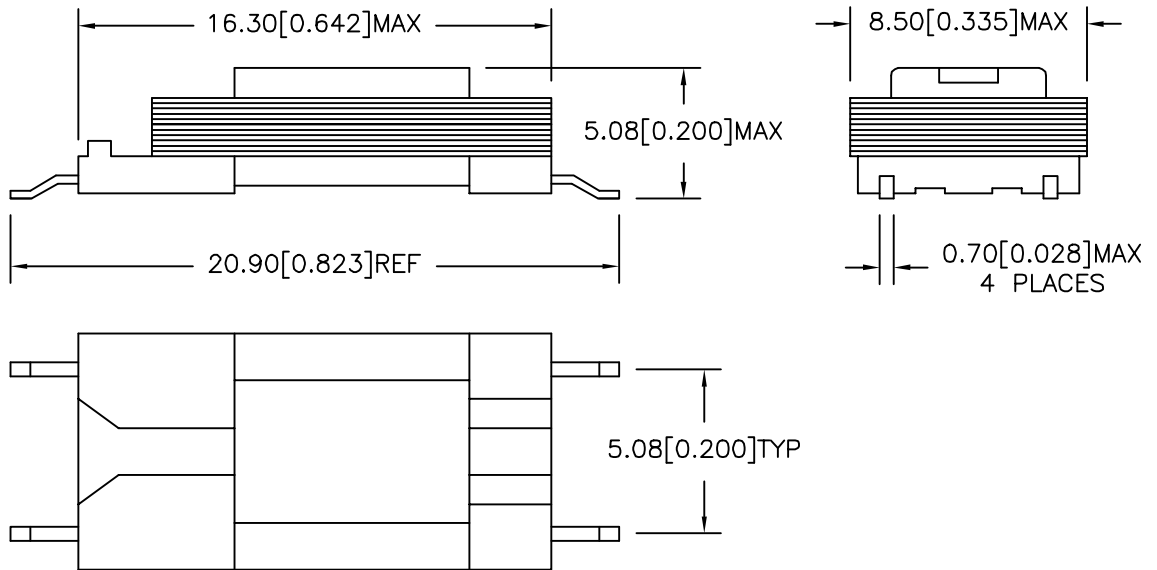


- B. Marking; TTC-5021, TAMURA and date code  
 C. Safety; Designed to meet UL1950 3rd Edition, UL60950, EN60950  
 D. Schematic diagram and mounting footprint;



Suggested Pad Layout

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



PREPARED BY:

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ENGINEER:

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QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

|  |          |  |                     |          |            |
|--|----------|--|---------------------|----------|------------|
| DRAWING CONTROL NO.<br>P-A1-12599<br>ACAD\TTC\A1125991.DWG   | REV<br>- | MODEL DESCRIPTION<br>TELECOMMUNICATION V.90 SMD MODEM TRANSFORMER  | MODEL SPECIFICATION |          |            |
|  |          | <b>TTC-5021</b>  |                     |          |            |
| CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE  |          | <b>TAMURA CORPORATION OF AMERICA</b><br>43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624<br>(909) 699-1270 FAX 9096769482 | DIM: mm(ln)         | SCL: 4/1 | SH: 1 OF 1 |
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