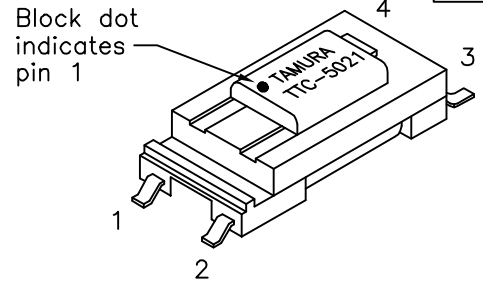


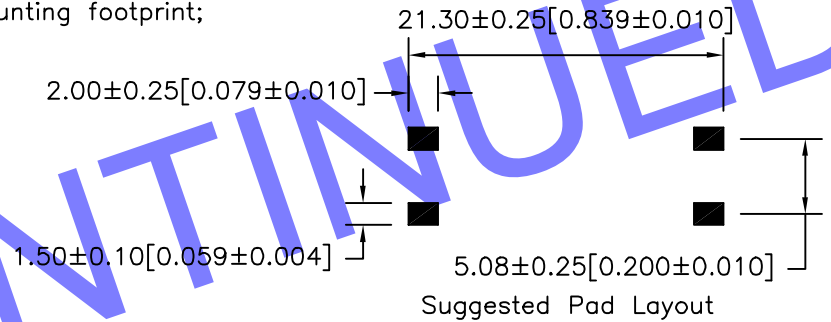
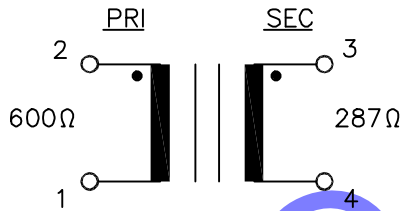
TELECOMMUNICATION LOW PROFILE SMD MODEM TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES FOR PCMCIA APPLICATION.

MODEL NUMBER  
**TTC-5021**

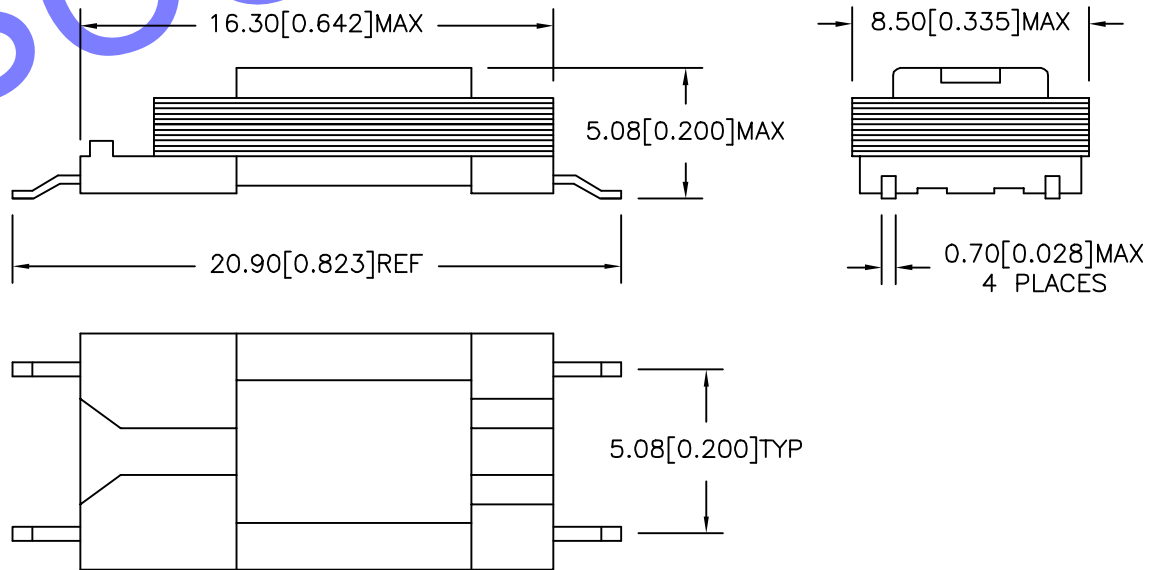
- A. Electrical specifications (@ 25° C)
1. Pri source impedance; 600Ω
  2. Sec load impedance; 287Ω
  3. Frequency response; ±0.25dB, 200Hz to 4KHz, 0dBm
  4. Return loss; 20dB MIN @ 200Hz to 4KHz
  5. Insertion loss; 3.85dB MAX @ 1KHz, 0dBm
  6. Longitudinal balance; 60dB MIN @ 200Hz to 4KHz
  7. DC 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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