

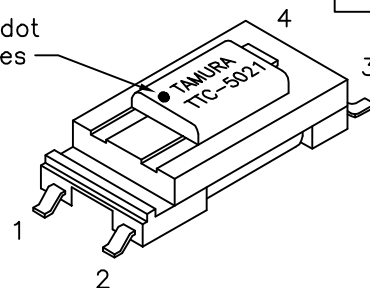
TELECOMMUNICATION LOW PROFILE SMD MODEM TRANSFORMER COMPATIBLE WITH
V.90 TECHNOLOGIES FOR PCMCIA APPLICATION.

MODEL NUMBER

TTC-5021

A. Electrical specifications (@ 25° C)

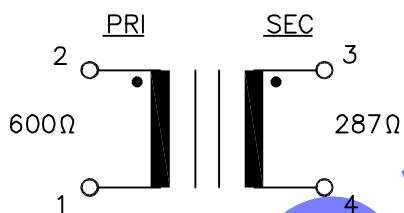
1. Pri source impedance; 600 Ω
2. Sec load impedance; 287 Ω
3. Frequency response; ± 0.25 dB, 200Hz to 4KHz, 0dBm
4. Return loss; 20dB MIN @ 200Hz to 4KHz
5. Insertion loss; 3.85dB MAX @ 1KHz, 0dBm
6. Longitudinal balance;
60dB MIN @ 200Hz to 4KHz
7. DC resistance;
(1-2) = 155 Ω $\pm 15\%$
(3-4) = 145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

Block dot
indicates
pin 1

B. Marking; TTC-5021, TAMURA and date code

C. Safety; Designed to meet UL1950 3rd Edition, UL60950, EN60950

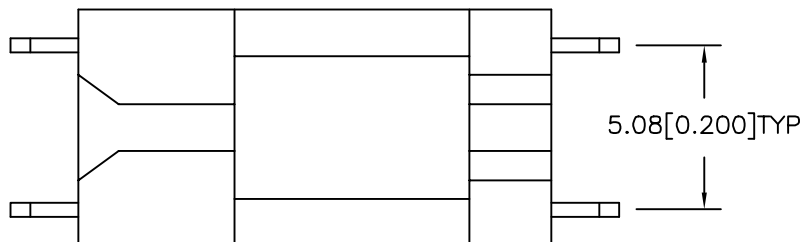
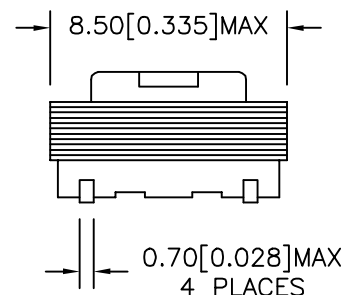
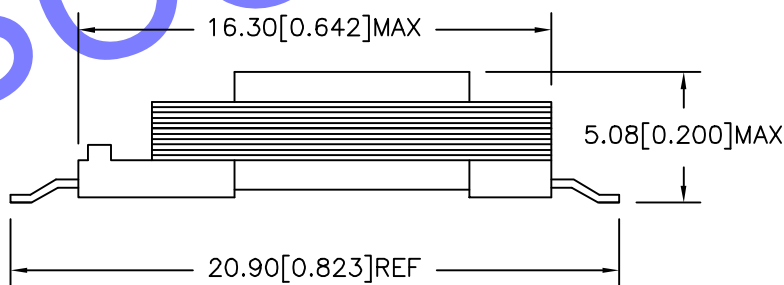
D. Schematic diagram and mounting footprint;

2.00 ± 0.25 [0.079 ± 0.010]1.50 ± 0.10 [0.059 ± 0.004]21.30 ± 0.25 [0.839 ± 0.010]5.08 ± 0.25 [0.200 ± 0.010]

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.
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(In) SCL: 4/1 SH: 1 OF 1

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