REV. Status

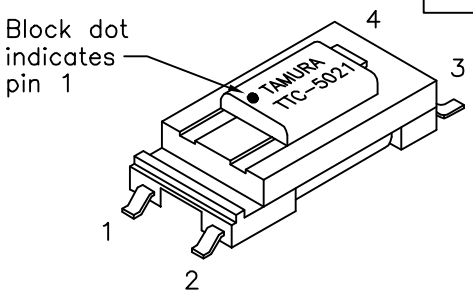
REVISION –
08/12/02 MP

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

MODEL NUMBER
TTC–5021

A. Electrical specifications (@ 25° C)

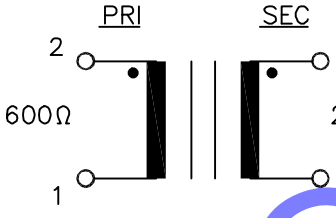
1. Pri source impedance; 600Ω
2. Sec load impedance; 287Ω
3. Frequency response; ±0.25dB, 200Hz to 4KHz, 0dBm
4. Return loss; 20dB MIN @ 200Hz to 4KHz
5. Insertion loss; 3.85dB MAX @ 1KHz, 0dBm
6. Longitudinal balance;
   60dB MIN @ 200Hz to 4KHz
7. DC resistance;
   (1–2)= 155Ω ±15%
   (3–4)= 145Ω ±15%
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

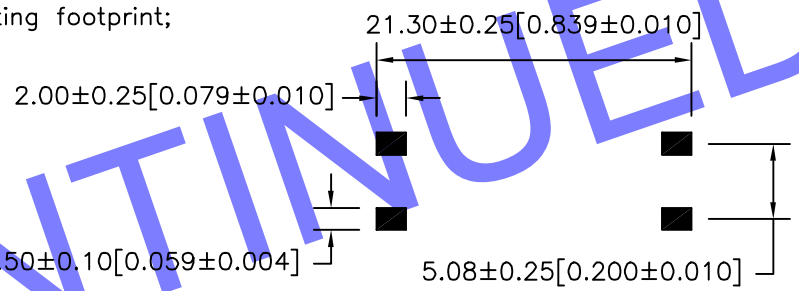


B. Marking; TTC–5021, TAMURA and date code

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

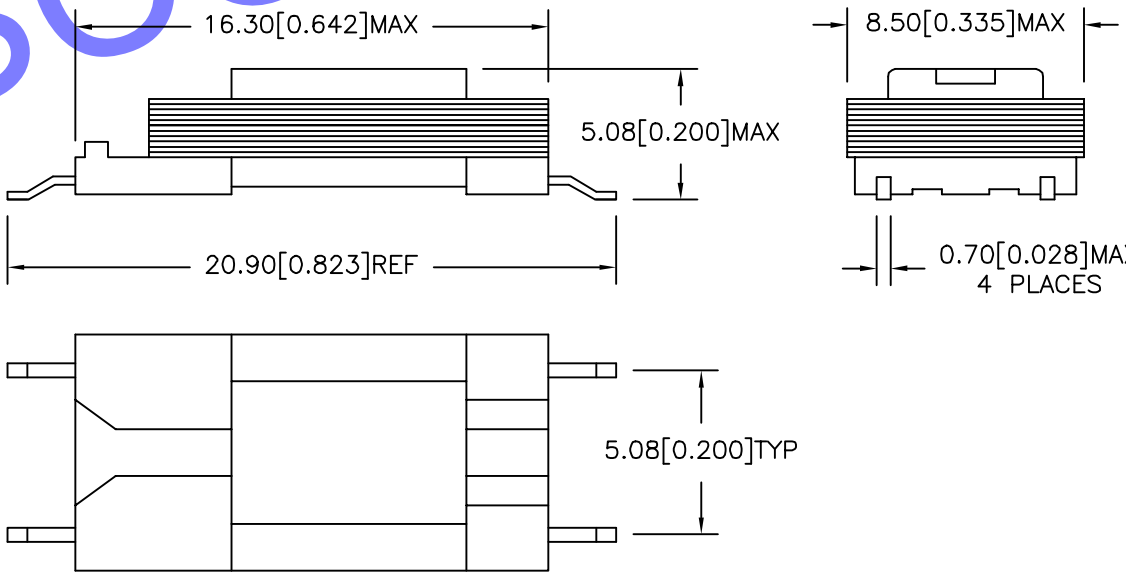
D. Schematic diagram and mounting footprint;





Suggested Pad Layout

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



DISCONTINUED

PREPARED BY:
D. Rund

ENGINEER:
M. Pitchai

QUALITY CONTROL:
D. Kelley

APPROVED:
J. Coleman

DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION
P–A1–12599 ACAD\TTC\A1125991.DWG	–	TELECOMMUNICATION V.90 SMD MODEM TRANSFORMER	TTC–5021

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

DIM: mm(In) | SCL: 4/1 | SH: 1 OF 1