

REV. Status

REVISION –
06/12/94 TSREVISION A
UPDATED FORMAT
REV NOTE 2 WAS
500VDC
12/02/94 TSREVISION B
FLIPPED RADII
CLARIFIED
MARKING
06/24/05 YS

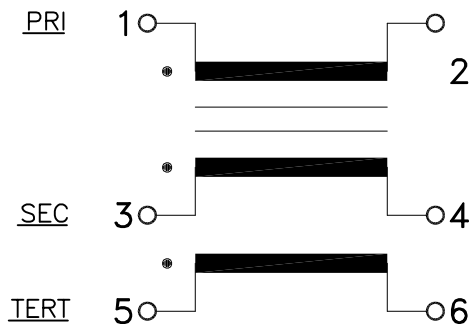
A. Electrical specification (@ 25°C)

1. Power rating;
500 mW
2. Dielectric strength;
500 VDC 1 minute
3. Insulation resistance;
10,000 MΩ MIN @ 500 VDC
4. Turns ratio;
(1–2) : (3–4) : (5–6) = 1 : 1 : 1 ±5%
5. Primary open circuit inductance;
2000 μH MIN @ 1 KHz, 40 mV (1–2)
6. Primary ET-constant
16.0V– μs MIN
7. Rise time;
8.2 ns MAX
8. Interwinding capacitance between primary and secondary;
37.0 PF MAX @ 100 KHz
9. Primary leakage inductance with shorted secondary;
0.8 μH MAX @ 100 KHz
10. DC Resistance;
Primary (1–2) 2.5 Ω MAX
Secondary (3–4) 2.5 Ω MAX
Tertiary (5–6) 2.5 Ω MAX

B. Marking;

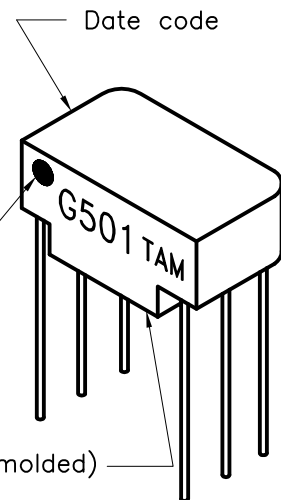
G501, TAM, date code and country of origin

C. Schematic diagram

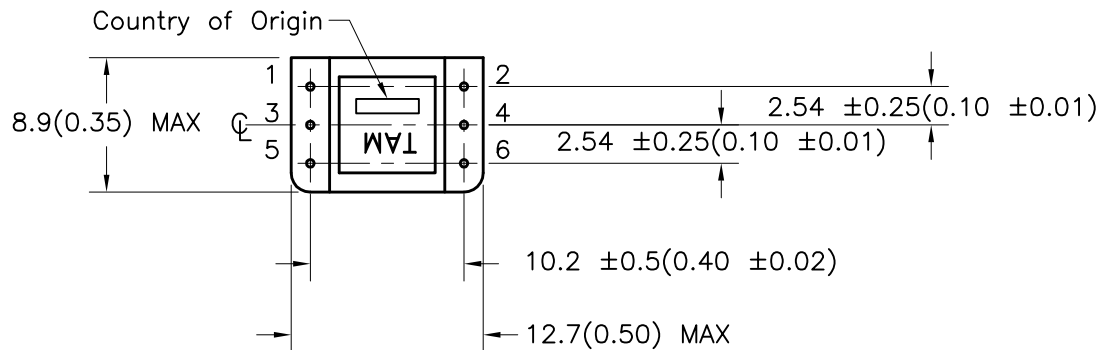
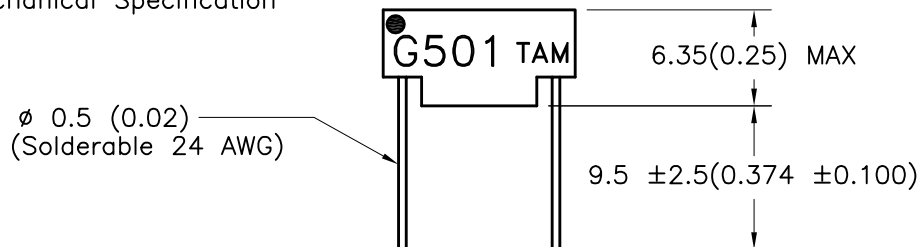


PIN 1 Designation

"TAM" and country of origin (molded)



D. Mechanical Specification



PREPARED BY:

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ENGINEER:

Y. SEKIGUCHI

QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DRAWING CONTROL NO.
P-A1-10626
ACAD\G-SER\A1106261.DWGREV
BMODEL DESCRIPTION
PULSE TRANSFORMER
G501**TAMURA CORPORATION OF AMERICA**43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(951) 699-1270 FAX 9516769482

MODEL SPECIFICATION

G501

DIM: mm[In] SCL: 2/1 SH: 1 OF 1

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MODEL NUMBER

G501