



REV. Status

REVISION -
06/12/92 TS

REVISION A
TEMECULA WAS
CARSON
08/29/95 TS

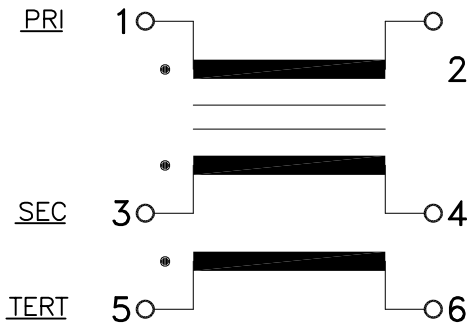
REVISION B
FLIPPED RADII
& CLARIFIED
MARKING
06/24/05 YS

REVISION C
RoHS COMPLIANT
11/03/05 MP

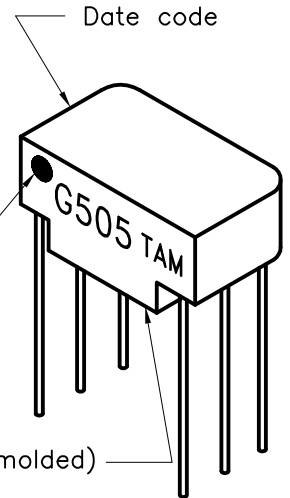
- A. Electrical specification (@ 25°C)
- Power rating;
500 mW
 - Dielectric strength;
500 VDC 1 minute
 - Insulation resistance;
10,000 MΩ MIN @ 500 VDC
 - Turns ratio;
(1-2) : (3-4) : (5-6) = 2 : 1 : 1 ±5%
 - Primary open circuit inductance;
5000 μH MIN @ 1 KHz, 40 mV (1-2)
 - Primary ET-constant
25.0V- μs MIN
 - Rise time;
16.0 ns MAX
 - Interwinding capacitance between primary and secondary;
33.0 PF MAX @ 100 KHz
 - Primary leakage inductance with shorted secondary;
3.6 μH MAX @ 100 KHz
 - DC Resistance;
Primary (1-2) 3.9 Ω MAX
Secondary (3-4) 2.0 Ω MAX
Tertiary (5-6) 2.0 Ω MAX

- B. Marking;
G505, TAM, date code and country of origin

- C. Schematic diagram

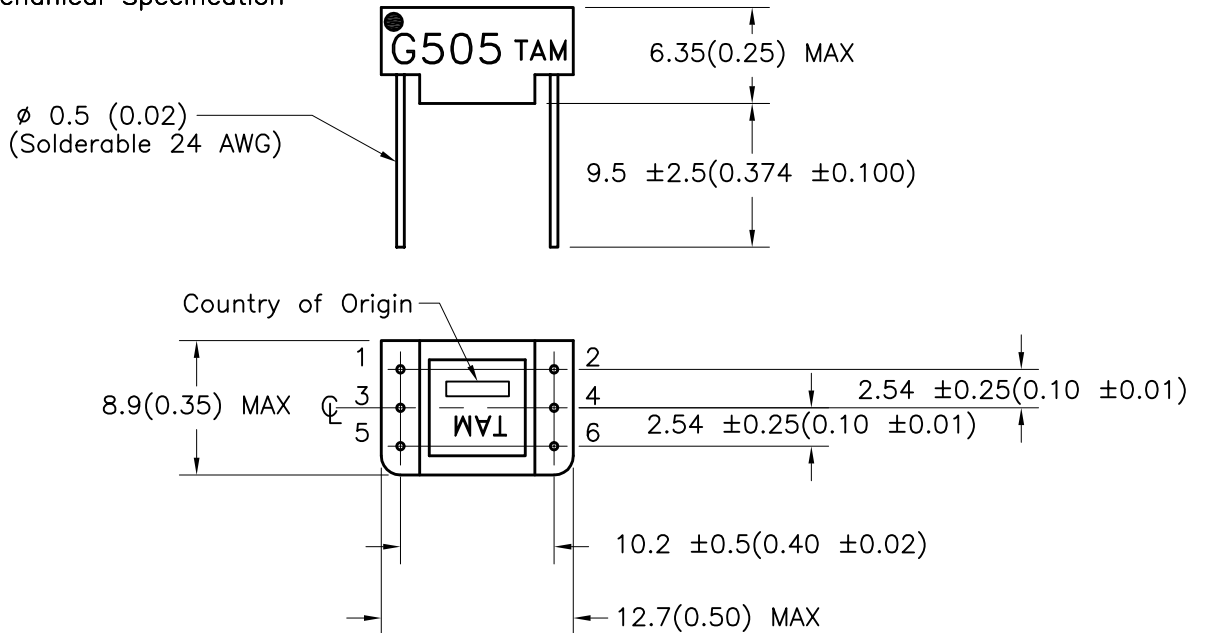


PIN 1 Designation



"TAM" and country of origin (molded)

D. Mechanical Specification



PREPARED BY:

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ENGINEER:

M. PITCHAI

QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.
P-A1-10631
ACAD\G-SER\A1106311.DWG

REV
C

PULSE
TRANSFORMER

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(951) 699-1270 FAX 9516769482

G505

MODEL SPECIFICATION

DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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MODEL NUMBER
G505