



REV. Status

REVISION -  
06/12/92 TS

REVISION A  
TEMECULA WAS  
CARSON  
08/29/95 TS

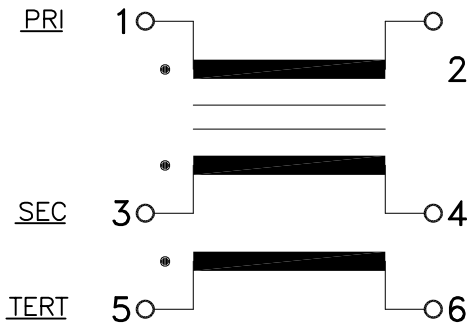
REVISION B  
FLIPPED RADII  
& CLARIFIED  
MARKING  
06/24/05 YS

REVISION C  
RoHS COMPLIANT  
11/03/05 MP

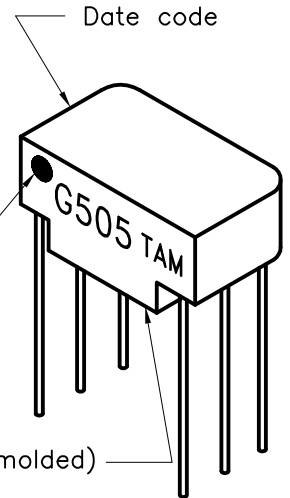
- A. Electrical specification (@ 25°C)
- Power rating;  
500 mW
  - Dielectric strength;  
500 VDC 1 minute
  - Insulation resistance;  
10,000 MΩ MIN @ 500 VDC
  - Turns ratio;  
(1-2) : (3-4) : (5-6) = 2 : 1 : 1 ±5%
  - Primary open circuit inductance;  
5000 μH MIN @ 1 KHz, 40 mV (1-2)
  - Primary 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

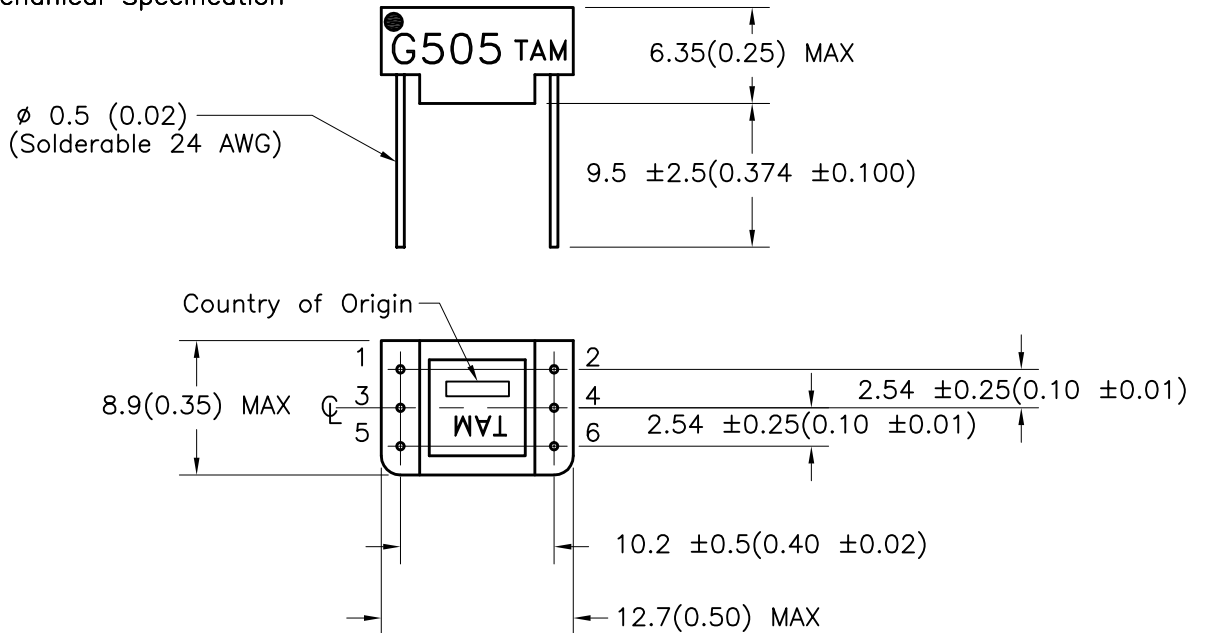


PIN 1 Designation



"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**