



REV. Status

REVISION -  
04/15/92 TS

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

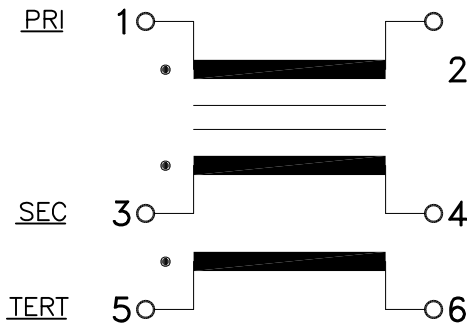
REVISION B  
RoHS COMPLIANT  
11/03/05 MP

REVISION C  
NOTE 5: 4500μH  
WAS 5000μH  
05/16/07 MP

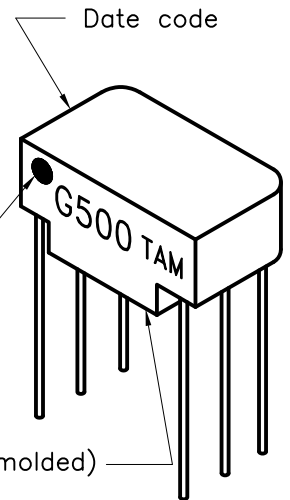
- A. Electrical specification (@ 25°C)
- Power rating;  
500 mW
  - Dielectric strength;  
500 VDC 1 minute
  - Insulation resistance;  
10,000 MΩ MIN @ 500 VDC
  - Turns ratio;  
(1-2) : (3-4) : (5-6) = 1 : 1 : 1 ±5%
  - Primary open circuit inductance;  
4500 μH MIN @ 1 KHZ, 100 mV (1-2)
  - Primary ET-constant  
25.0V-μs MIN
  - Rise time;  
10.5 ns MAX
  - Interwinding capacitance between primary and secondary;  
60.0 PF MAX @ 100 KHZ
  - Primary leakage inductance with shorted secondary;  
1.3 μH MAX @ 100 KHZ
  - DC Resistance;  
Primary (1-2) 3.9 Ω MAX  
Secondary (3-4) 3.9 Ω MAX  
Tertiary (5-6) 3.9 Ω MAX

B. Marking;  
G500, TAM, date code and country of origin

C. Schematic diagram

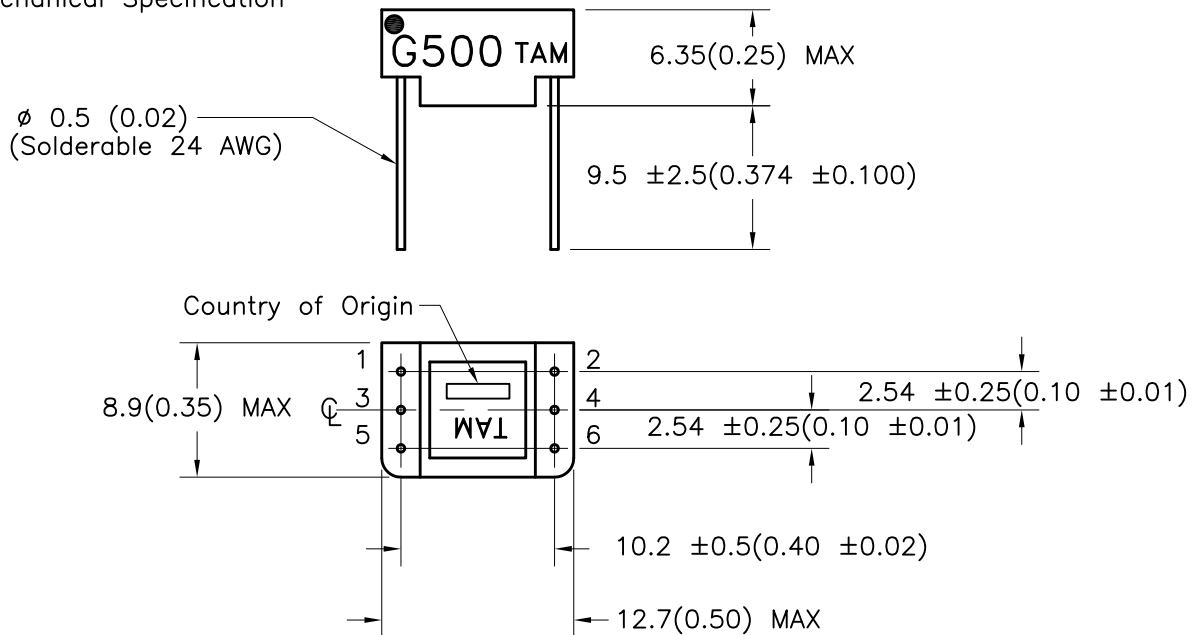


PIN 1 Designation



"TAM" and country of origin (molded)

D. Mechanical Specification



PREPARED BY:

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APPROVED:

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DWG CONTROL NO.  
P-A1-10627  
ACAD\G-SER\A1106271.DWG

REV  
C

PULSE  
TRANSFORMER

**TAMURA CORPORATION OF AMERICA**  
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G500

MODEL SPECIFICATION

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

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MODEL NUMBER

G500