



REV. Status

REVISION -
06/12/92 TS

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

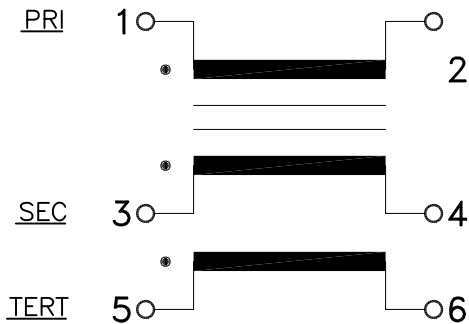
REVISION B
RoHS COMPLIANT
11/03/05 MP

REVISION C
NOTE 5: 1600μH
WAS 2000μH
05/16/07 MP

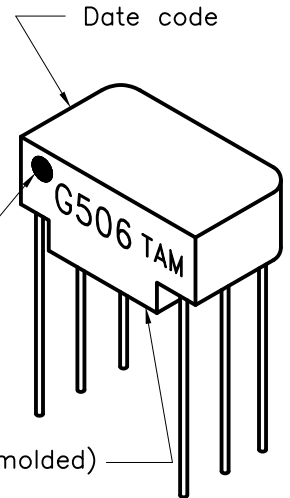
- A. Electrical specification (@ 25°C)
- Power rating;
500 mW
 - Dielectric strength;
500 VDC 1 minute
 - Insulation resistance;
10,000 MΩ MIN @ 500 VDC
 - Turns ratio;
(1-2) : (3-4) : (5-6) = 2 : 1 : 1 ±5%
 - Primary open circuit inductance;
1600 μH MIN @ 1 KHz, 40 mV (1-2)
 - Primary ET-constant
16V-μs MIN
 - Rise time;
11.0 ns MAX
 - Interwinding capacitance between Primary and Secondary;
19.0 PF MAX @ 100 KHz
 - Primary leakage inductance with shorted Secondary;
1.8 μH MAX @ 100 KHz
 - DC Resistance;
Primary (1-2) 2.5 Ω MAX
Secondary (3-4) 1.4 Ω MAX
Tertiary (5-6) 1.4 Ω MAX

- B. Marking;
G506, TAM, date code and country of origin

C. Schematic diagram

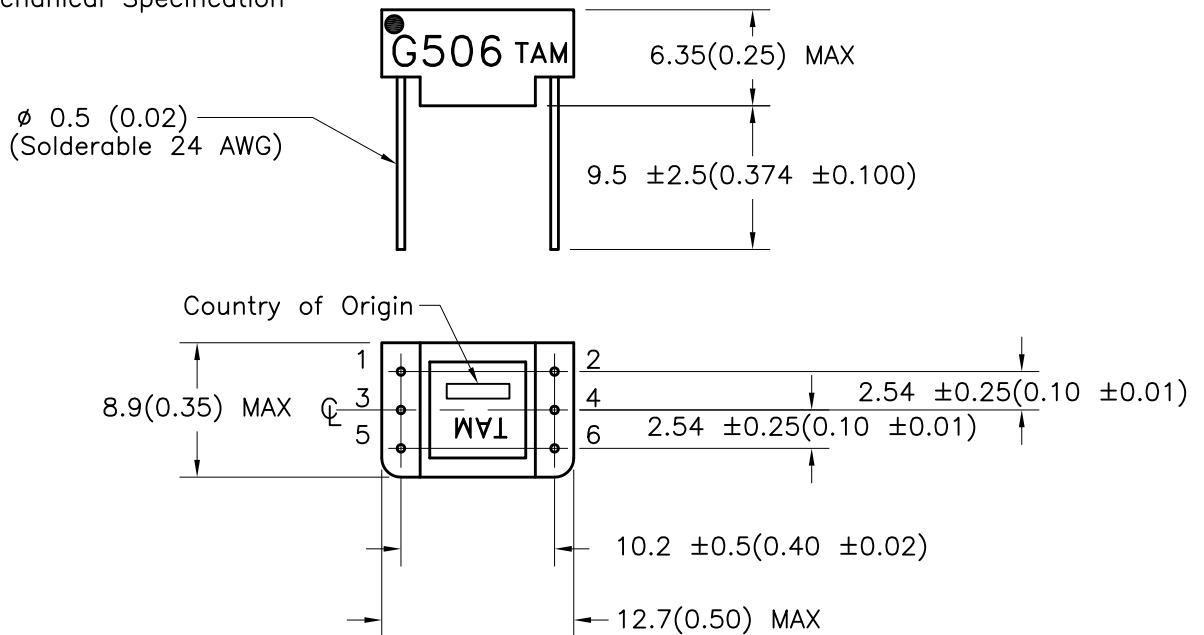


PIN 1 Designation



"TAM" and country of origin (molded)

D. Mechanical Specification



PREPARED BY:

K. BRENNAN

ENGINEER:

M. PITCHAI

SAFETY ENGINEER

B. OCONNELL

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.
P-A1-10632
ACAD\G-SER\A1106321.DWG

REV
C

PULSE
TRANSFORMER

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

G506

MODEL SPECIFICATION

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

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.



MODEL NUMBER
G506