

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

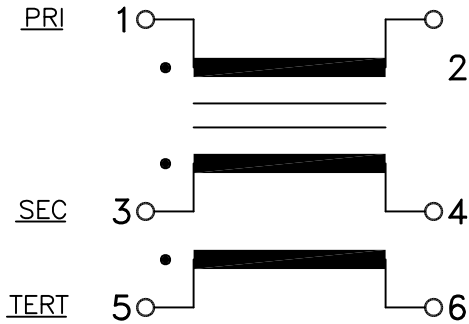
A. Electrical specification (@ 25°C)

- 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

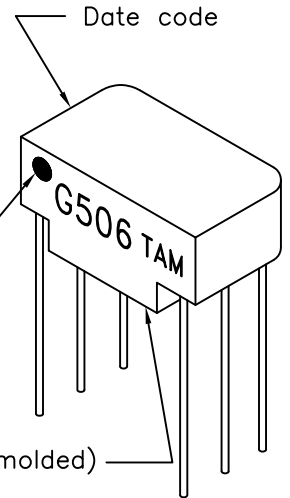


PIN 1 Designation

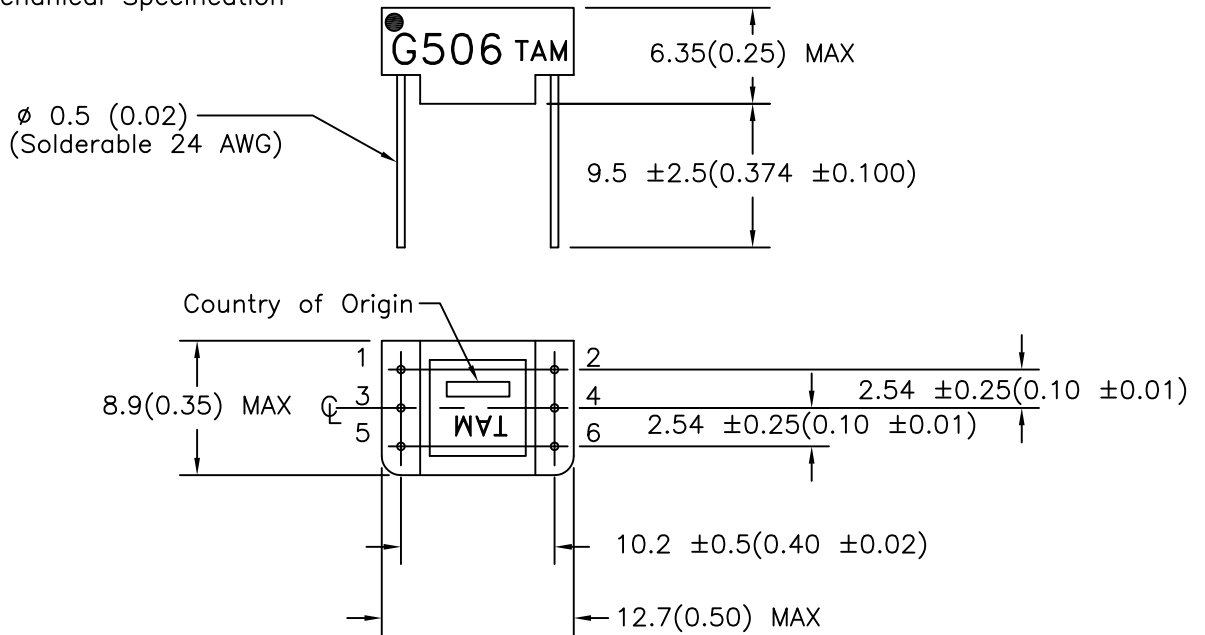
"TAM" and country of origin (molded)



MODEL NUMBER  
**G506**



D. Mechanical Specification



PREPARED BY:

K. BRENNAN

ENGINEER: M. PITCHAI	DRAWING CONTROL NO. P-A1-10632	REV C	MODEL DESCRIPTION PULSE TRANSFORMER	MODEL SPECIFICATION <b>G506</b>
SAFETY ENGINEER B. OCONNELL	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE <b>TAMURA CORPORATION OF AMERICA</b> 1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029 (951) 699-1270 FAX 7607400536			DIM: mm[In] SCL: 2/1 SH: 1 OF 1
APPROVED: Y. SEKIGUCHI	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.			

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