

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

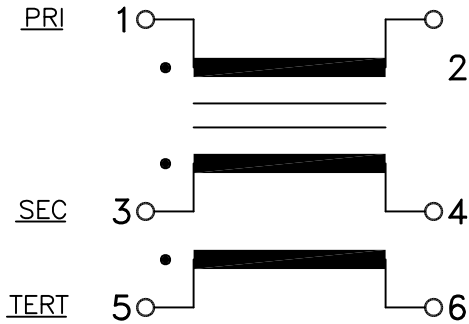
A. Electrical specification (@ 25°C)

- 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

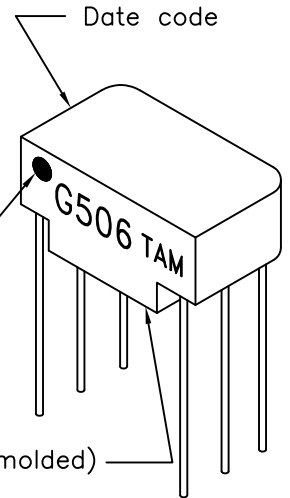
B. Marking;

G506, TAM, date code and country of origin

C. Schematic diagram

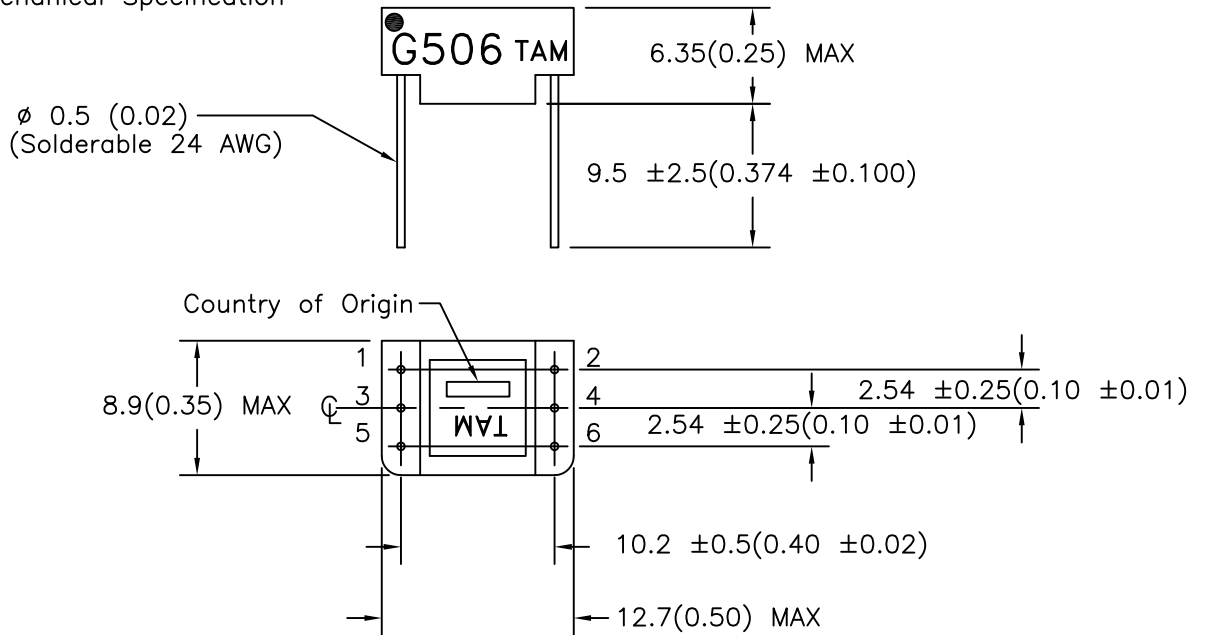


MODEL NUMBER
G506



"TAM" and country of origin (molded)

D. Mechanical Specification



PREPARED BY:

K. BRENNAN

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