

REV. Status

REVISION –
07/06/97 TS

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

REVISION B
RoHS COMPLIANT
11/03/05 MP

A. Electrical specification (@ 25°C)

1. Power rating;
500 mW
2. Dielectric strength;
1.5K VAC 1 minute between primary and secondary, primary and tertiary
3. Insulation resistance;
10,000 MΩ MIN @ 500 VDC
4. Turns ratio;
(1-2) : (3-4) : (5-6) = 1 : 1 : 1 ±5%
5. Primary open circuit inductance;
1.2 mH MIN @ 10 KHz, 20 mV (1-2)
6. Primary ET-constant
10.0V- μs MIN
7. Rise time;
5.3 ns MAX
8. Interwinding capacitance between primary and secondary;
25 PF MAX @ 100 KHz
9. Primary leakage inductance with shorted secondary;
0.5 μH MAX @ 100 KHz
10. DC Resistance;
Primary (1-2) 0.7 Ω MAX
Secondary (3-4) 0.7 Ω MAX
Tertiary (5-6) 0.7 Ω MAX

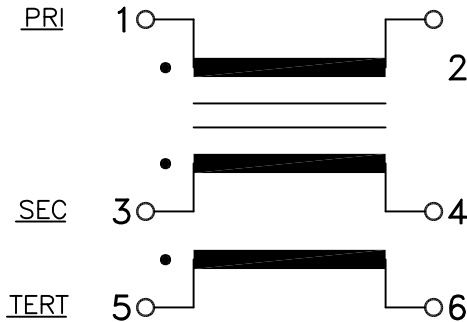


MODEL NUMBER
G513

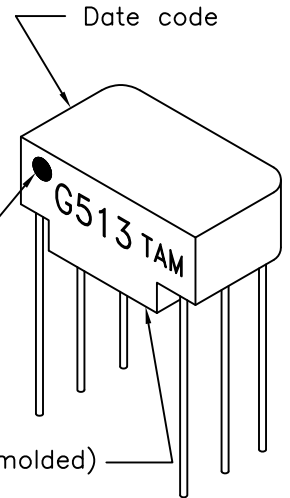
B. Marking;

G513, TAM, date code and country of origin

C. Schematic diagram

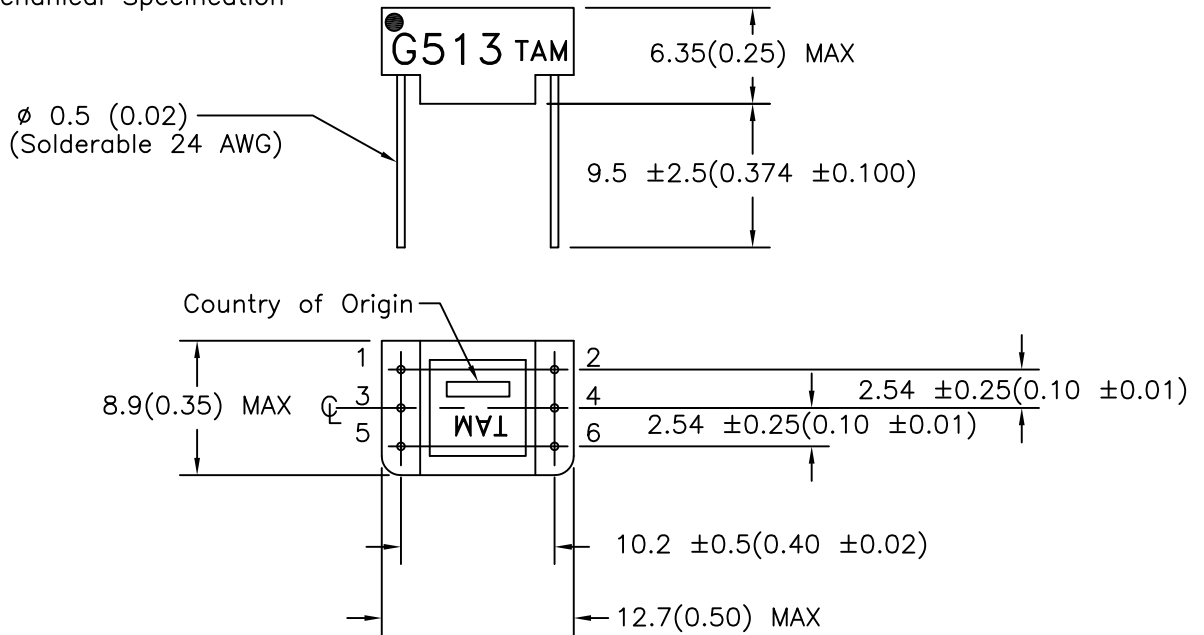


PIN 1 Designation



"TAM" and country of origin (molded)

D. Mechanical Specification



PREPARED BY:

K. BRENNAN

ENGINEER: M. PITCHAI	DRAWING CONTROL NO. P-A1-11330	REV B	MODEL DESCRIPTION PULSE TRANSFORMER	MODEL SPECIFICATION G513
SAFETY ENGINEER T. CLEM	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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