

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

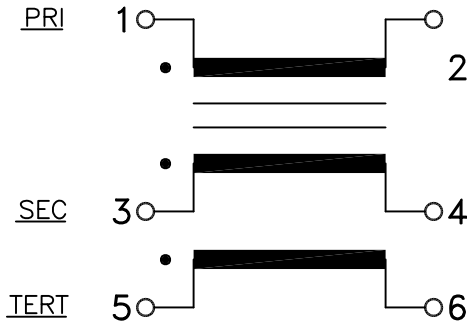


MODEL NUMBER
G513

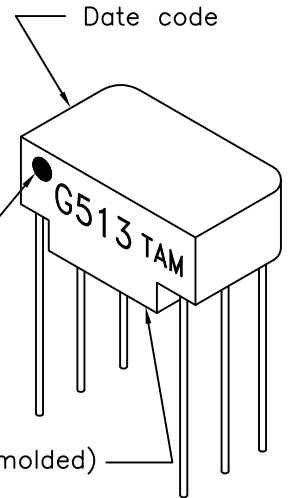
B. Marking;

G513, TAM, date code and country of origin

C. Schematic diagram

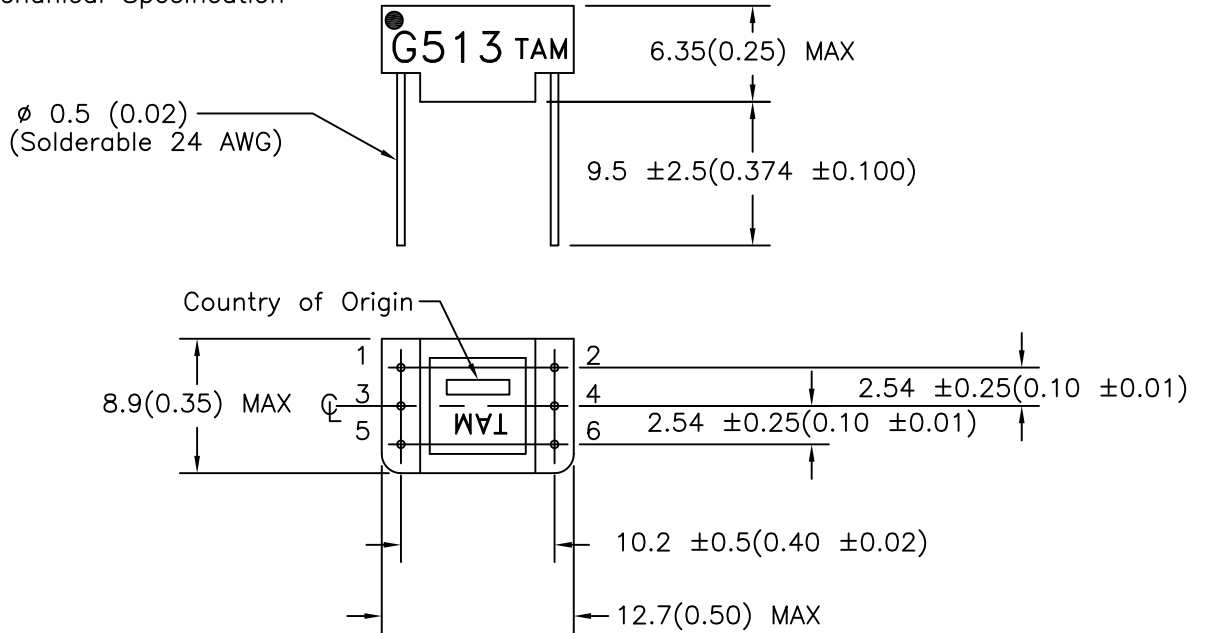


PIN 1 Designation



"TAM" and country of origin (molded)

D. Mechanical Specification



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APPROVED:

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DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION
P-A1-11330	B	PULSE TRANSFORMER	G513
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