

REV. Status

REVISION – 08/13/92 TS
REVISION A FLIPPED RADII & CLARIFIED MARKING 06/24/05 YS
REVISION B RoHS COMPLIANT 11/03/05 MP

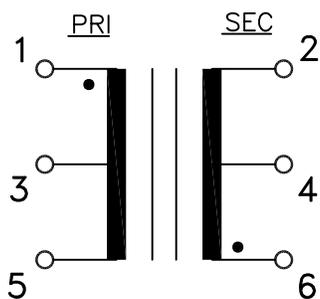
A. Electrical specification (@ 25°C)

1. Power rating;
500 mW
2. Dielectric strength;
500 VDC 1 minute
3. Insulation resistance;
10,000 MΩ MIN @ 500 VDC
4. Turns ratio;
(1-5) : (6-2) = 1 CT : 1 CT ±5%
(1-3) : (6-4) = 1 : 1 ±5%
5. Primary open circuit inductance;
50 μH MIN @ 1 KHz, 40 mV (1-5)
6. Primary ET-constant
5.2V – μs MIN
7. Rise time;
5.6 ns MAX
8. Interwinding capacitance between Primary and Secondary;
18.0 PF MAX @ 100 KHz
9. Primary leakage inductance with shorted Secondary;
0.5 μH MAX @ 100 KHz
10. DC Resistance;
Primary (1-5) 1.3 Ω MAX
Secondary (6-2) 1.3 Ω MAX

B. Marking;

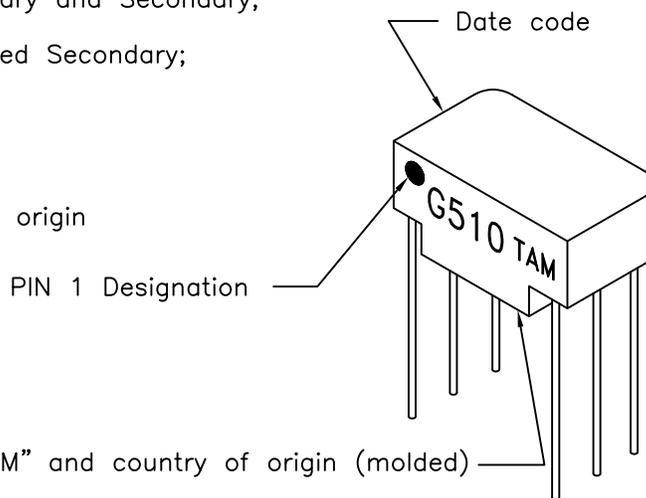
G510, TAM, date code and country of origin

C. Schematic diagram

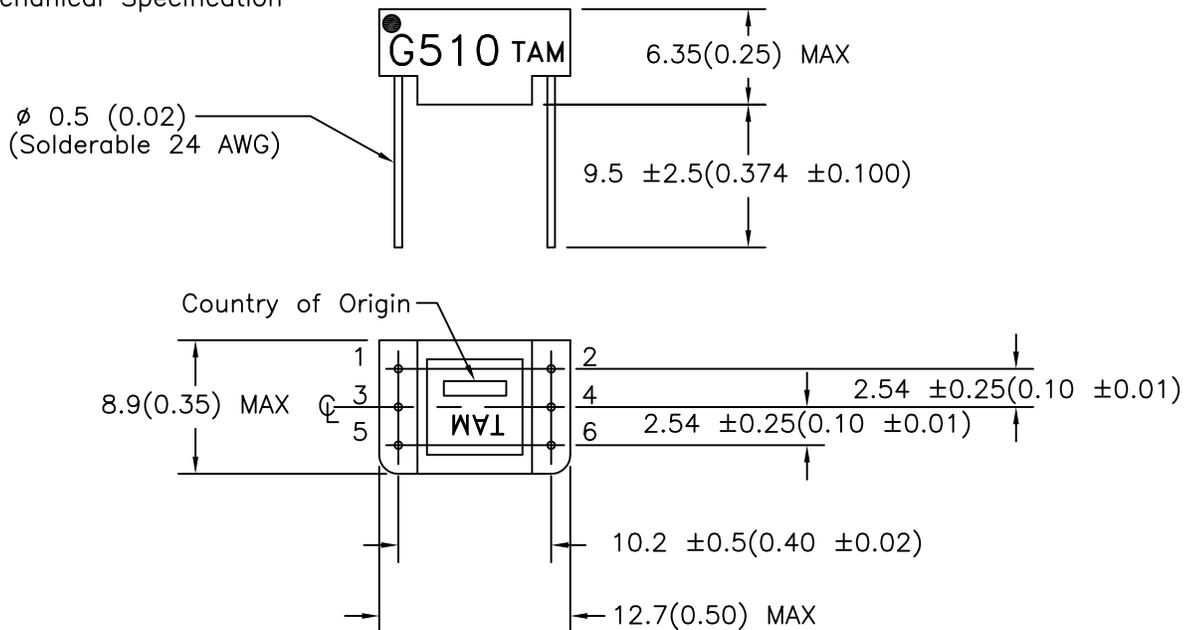


MODEL NUMBER

G510



D. Mechanical Specification



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DRAWING CONTROL NO. P-A1-10636	REV B	MODEL DESCRIPTION PULSE TRANSFORMER	MODEL SPECIFICATION G510
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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