

REV. Status

REVISION -
01/11/91 HA

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

REVISION B
RoHS COMPLIANT
11/03/05 MP

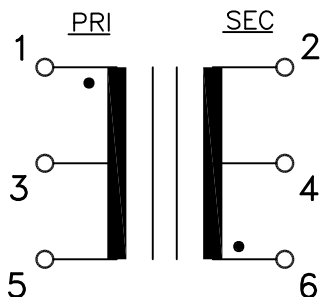
A. Electrical specification (@ 25°C)

1. Power rating;
500 mW
2. Dielectric strength;
500 VAC 1 minute
3. Insulation resistance;
10,000 MΩ MIN @ 500 VDC
4. Turns ratio;
(1-5) : (6-2) = 2 : 1.00 ±5%
(1-3) : (6-4) = 2 : 1.00 ±5%
5. Primary open circuit inductance;
2000 μH MIN @ 1 KHz, 40 mV (1-5)
6. Primary ET-constant
16.0V- μs MIN
7. Rise time;
11.0 ns MAX
8. Interwinding capacitance between Primary and Secondary;
19.0 PF MAX @ 100 KHz
9. Primary leakage inductance wih shorted Secondary;
1.8 μH MAX @ 100 KHz
10. DC Resistance;
Primary (1-5) 2.5 Ω MAX
Secondary (2-6) 1.4 Ω MAX

B. Marking;

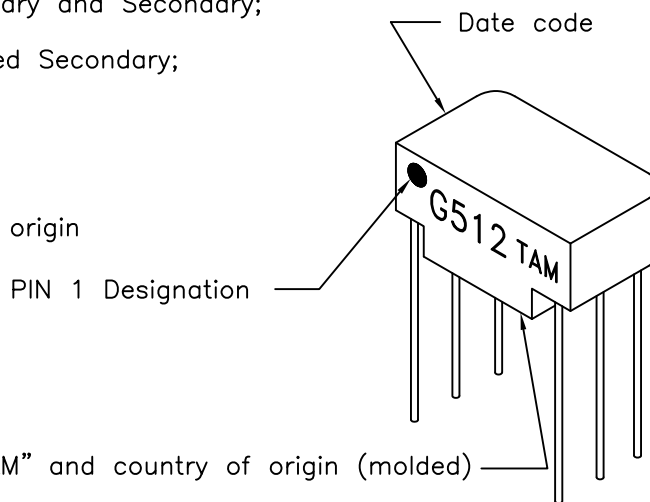
G512, TAM, date code and country of origin

C. Schematic diagram

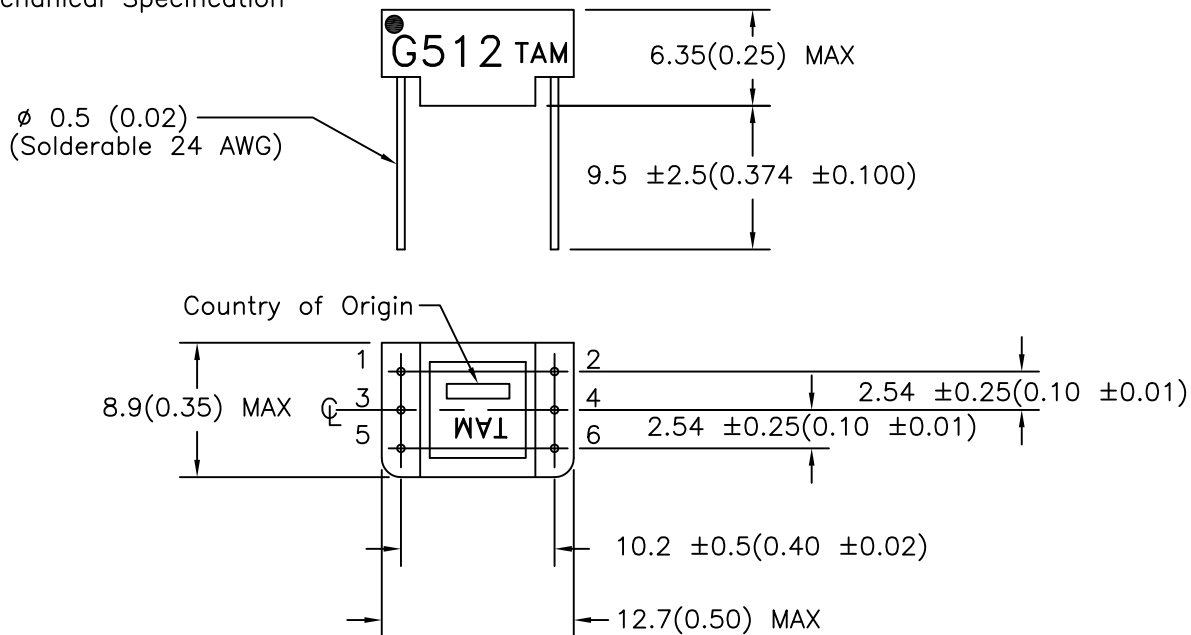


MODEL NUMBER

G512



D. Mechanical Specification



PREPARED BY:

K. BRENNAN

ENGINEER:

M. PITCHAI

SAFETY ENGINEER

T. CLEM

APPROVED:

Y. SEKIGUCHI

DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION
P-A1-10350	B	PULSE TRANSFORMER	G512
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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