

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

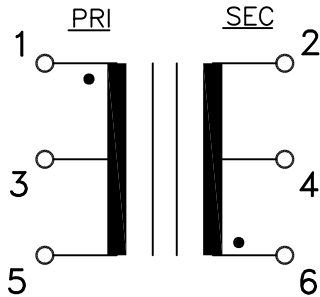
A. Electrical specification (@ 25°C)

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 with 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

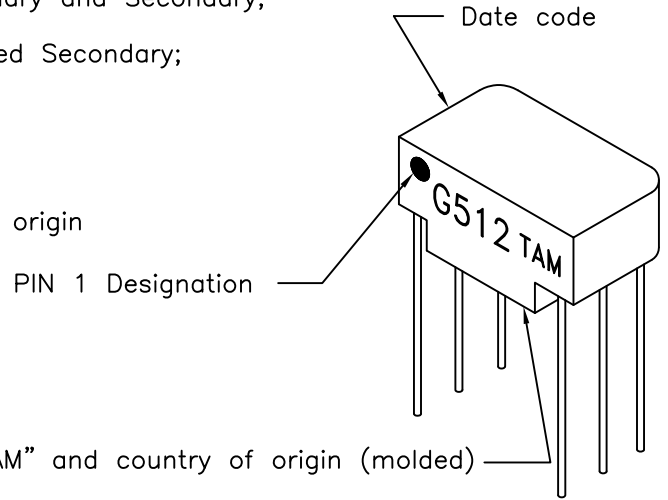
B. Marking;

G512, TAM, date code and country of origin

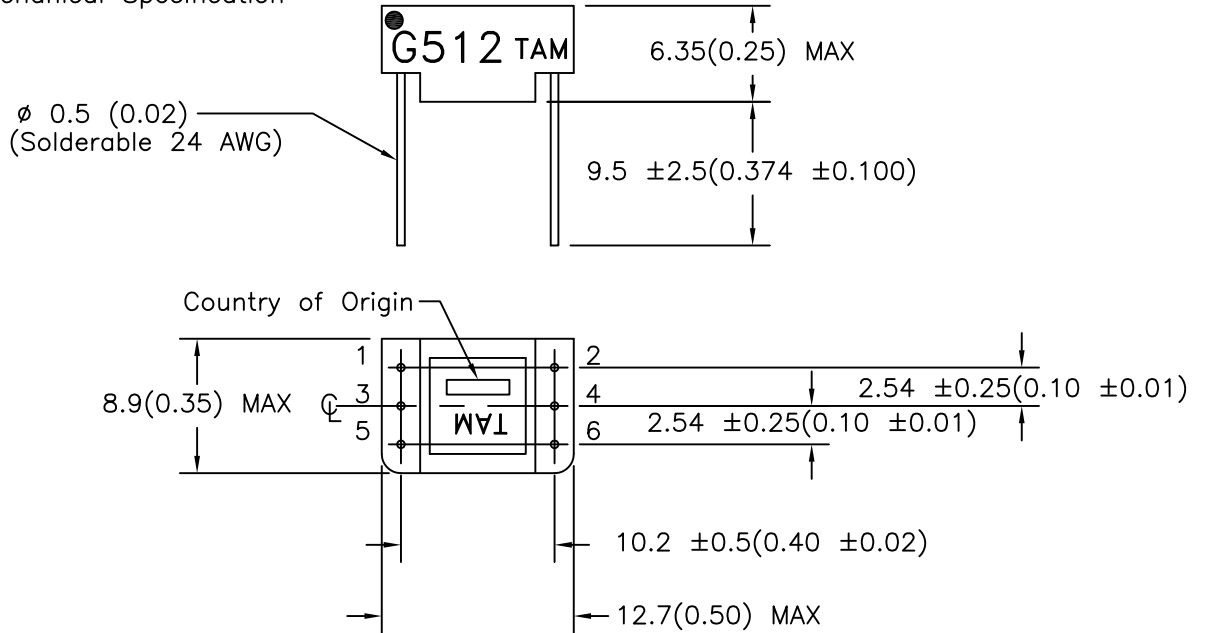
C. Schematic diagram



MODEL NUMBER  
**G512**



D. Mechanical Specification



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DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION
P-A1-10350	B	PULSE TRANSFORMER	G512
<b>TAMURA CORPORATION OF AMERICA</b> 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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