

REV. Status

REVISION - 07/06/95 TS
REVISION A FLIPPED RADII & CLARIFIED MARKING 06/24/05 YS
REVISION B RoHS COMPLIANT 11/03/05 MP

MODEL NUMBER  
**G514**

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  
12.0V- μs MIN
7. Rise time;  
7.5 ns MAX
8. Interwinding capacitance between primary and secondary;  
30 PF MAX @ 100 KHz
9. Primary leakage inductance with shorted secondary;  
0.7 μH MAX @ 100 KHz
10. DC Resistance;  

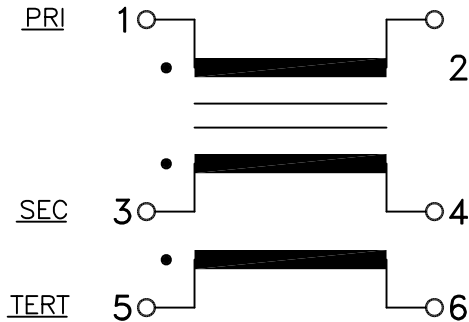
Primary (1-2)	0.7 Ω	MAX
Secondary (3-4)	0.7 Ω	MAX
Tertiary (5-6)	0.7 Ω	MAX



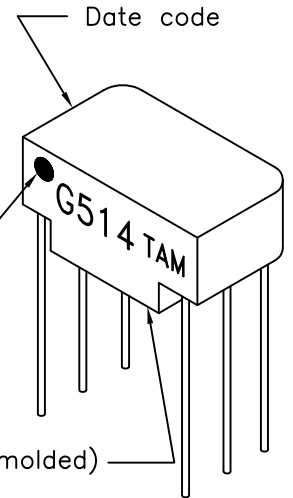
B. Marking;

G514, TAM, date code and country of origin

C. Schematic diagram

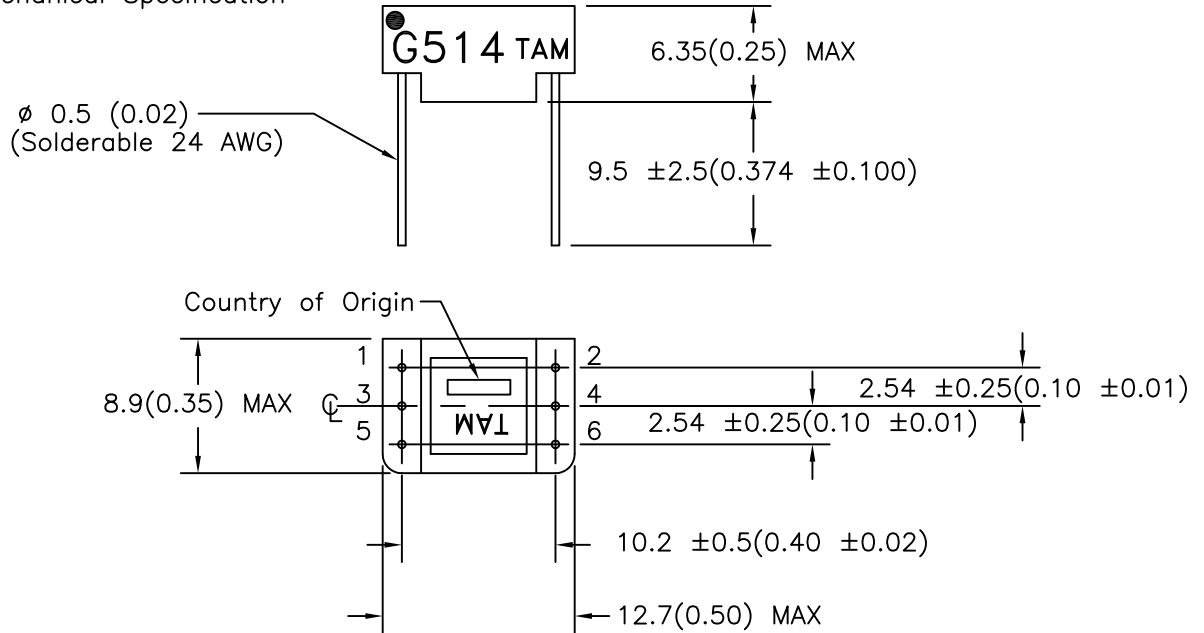


PIN 1 Designation



"TAM" and country of origin (molded)

D. Mechanical Specification



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DRAWING CONTROL NO. P-A1-11331	REV B	MODEL DESCRIPTION PULSE TRANSFORMER	MODEL SPECIFICATION <b>G514</b>
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