

REV. Status

REVISION - 08/13/92 TS
REVISION A UPDATED FORMAT 09/21/95 TS
REVISION B FLIPPED RADII & CLARIFIED MARKING 06/24/05 YS
REVISION C RoHS COMPLIANT 11/03/05 MP

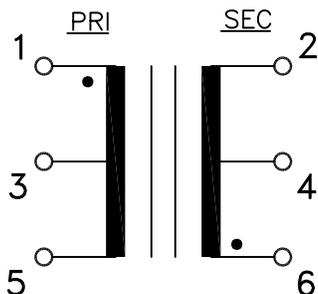
A. Electrical specification (@ 25°C)

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;  
2000 μH MIN @ 1 KHz, 40 mV (1-5)
6. Primary ET-constant  
16.0V-μs MIN
7. Rise time;  
8.2 ns MAX
8. Interwinding capacitance between Primary and Secondary;  
37.0 PF MAX @ 100 KHz
9. Primary leakage inductance with shorted Secondary;  
0.8 μH MAX @ 100 KHz
10. DC Resistance;  
Primary (1-5) 2.5 Ω MAX  
Secondary (6-2) 2.5 Ω MAX

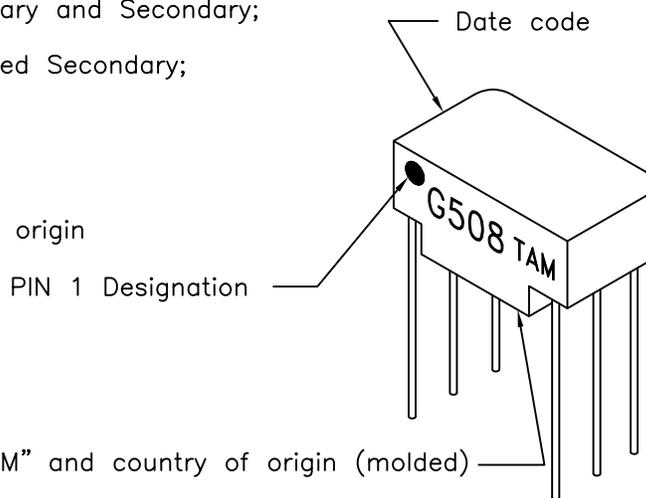
B. Marking;

G508, TAM, date code and country of origin

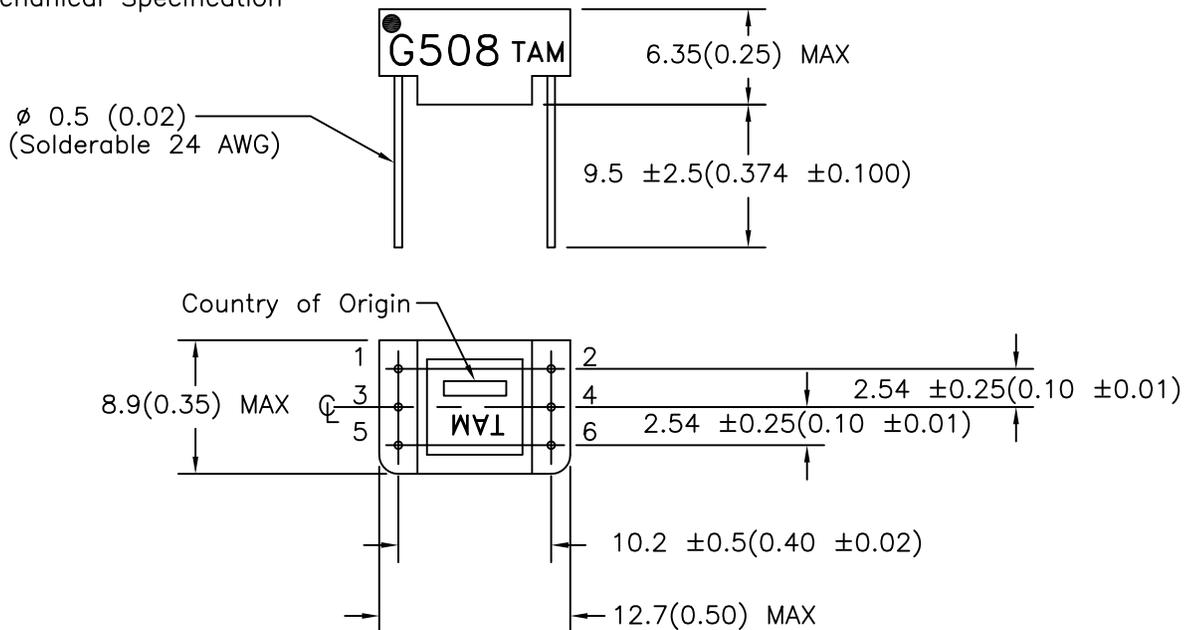
C. Schematic diagram



MODEL NUMBER  
**G508**



D. Mechanical Specification



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DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION
P-A1-10634	C	PULSE TRANSFORMER	G508
<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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