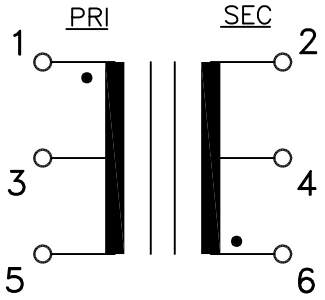
REV. Status
REVISION – 08/13/92 TS
REVISION A UPDATED FORMAT 09/21/95 TS
REVISION B FLIPPED RADII & CLARIFIED MARKING 06/24/05 YS
REVISION C RoHS COMPLIANT 11/03/05 MP

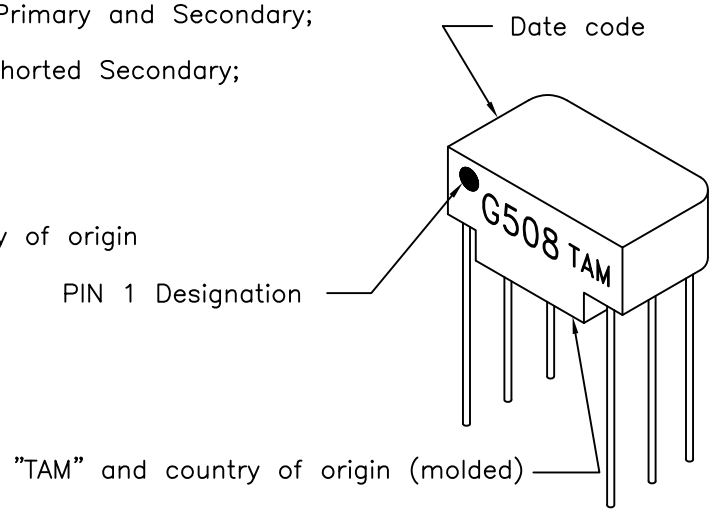
MODEL NUMBER G508

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

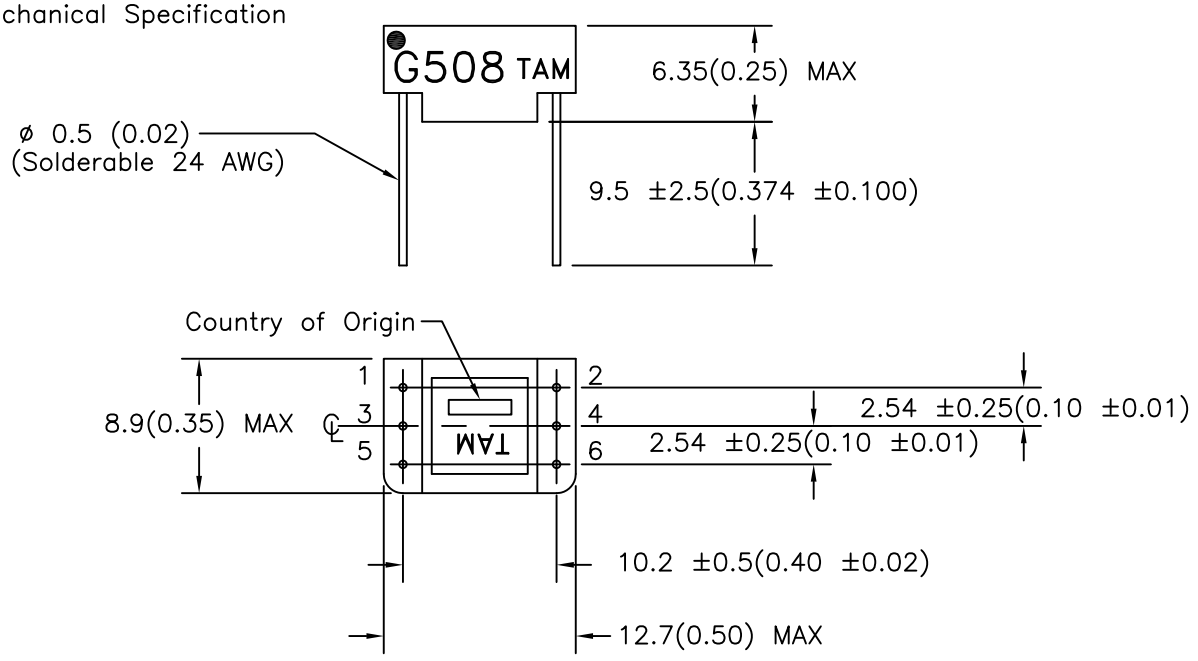
B. Marking;
   G508, TAM, date code and country of origin

C. Schematic diagram





D. Mechanical Specification



PREPARED BY: K. BRENNAN				
ENGINEER: M. PITCHAI	DRAWING CONTROL NO. P–A1–10634	REV C	MODEL DESCRIPTION PULSE TRANSFORMER	MODEL SPECIFICATION G508
SAFETY ENGINEER T. CLEM	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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