TAMURA

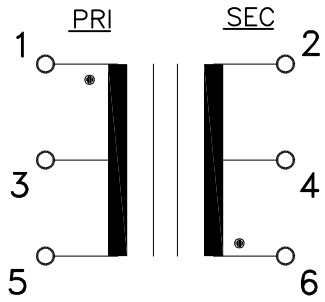
REV. Status
REVISION – 01/11/91 HA
REVISION A FLIPPED RADII & CLARIFIED MARKING 06/24/05 YS
REVISION B RoHS COMPLIANT 11/03/05 MP

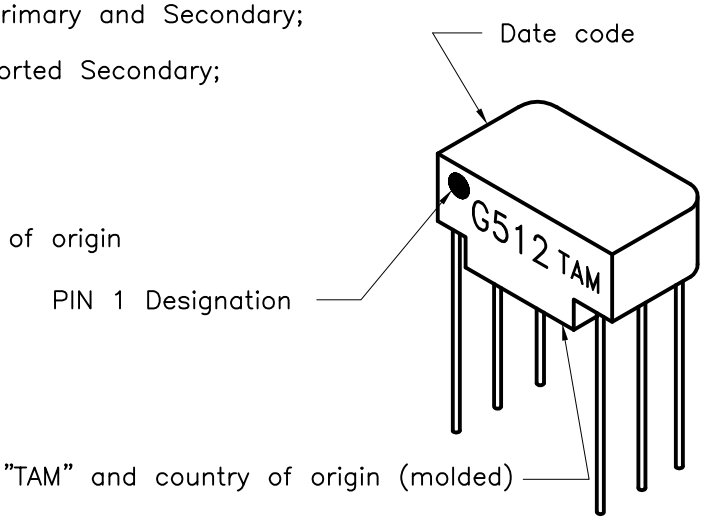
MODEL NUMBER G512

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

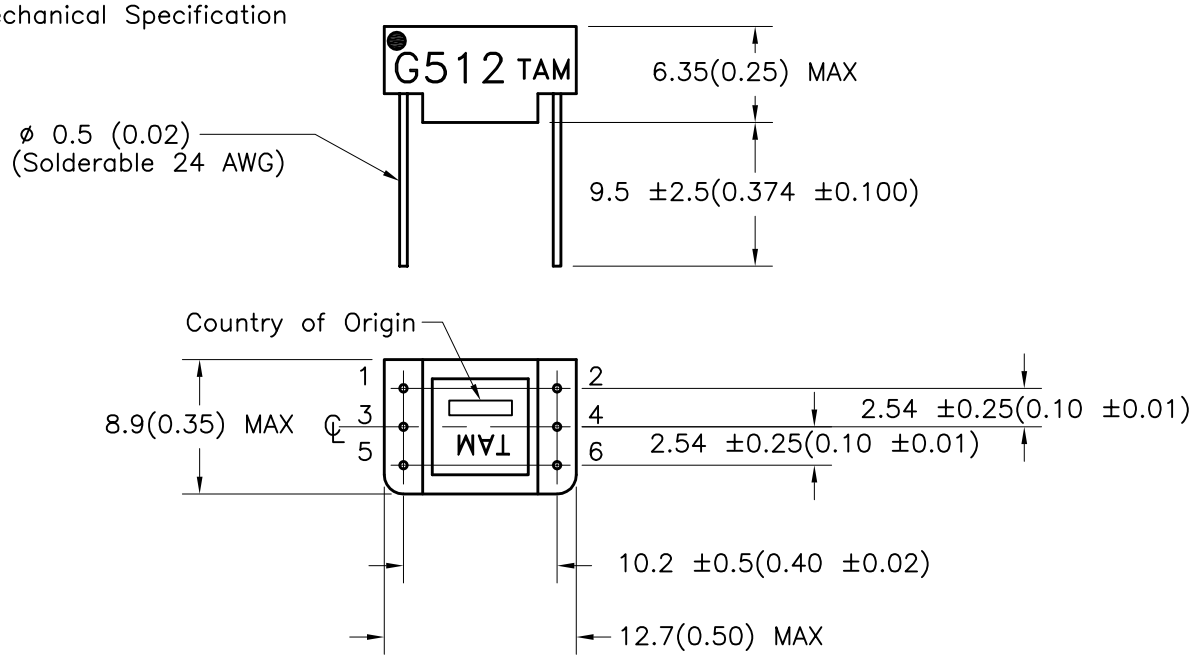
B. Marking;
   G512, TAM, date code and country of origin

C. Schematic diagram





D. Mechanical Specification



PREPARED BY: K. BRENNAN				
ENGINEER: M. PITCHAI	DWG CONTROL NO. P–A1–10350 ACAD\G–SER\A1103501.DWG	REV B	PULSE TRANSFORMER	G512 MODEL SPECIFICATION
QUALITY CONTROL: T. CLEM	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE	TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590–6624 (951) 699–1270 FAX 9516769482	DIM: mm(In) SCL: 2/1	SH: 1 OF 1
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