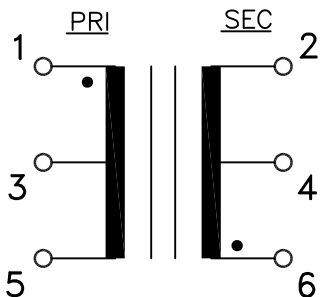


REV. Status
REVISION – 08/13/92 TS
REVISION A FLIPPED RADII & CLARIFIED MARKING 06/24/05 YS
REVISION B RoHS COMPLIANT 11/03/05 MP

- A. Electrical specification (@ 25°C)
- Power rating;
500 mW
 - Dielectric strength;
500 VDC 1 minute
 - Insulation resistance;
10,000 MΩ MIN @ 500 VDC
 - Turns ratio;
(1–5) : (6–2) = 1 CT : 1 CT ±5%
(1–3) : (6–4) = 1 : 1 ±5%
 - Primary open circuit inductance;
500 μH MIN @ 1 KHz, 40 mV (1–5)
 - Primary ET–constant
8.5V – μs MIN
 - Rise time;
5.3 ns MAX
 - Interwinding capacitance between Primary and Secondary;
32.0 PF MAX @ 100 KHz
 - Primary leakage inductance with shorted Secondary;
0.4 μH MAX @ 100 KHz
 - DC Resistance;
Primary (1–5) 1.3Ω MAX
Secondary (6–2) 1.3Ω MAX

- B. Marking;
G509, TAM, date code and country of origin
- C. Schematic diagram



PIN 1 Designation

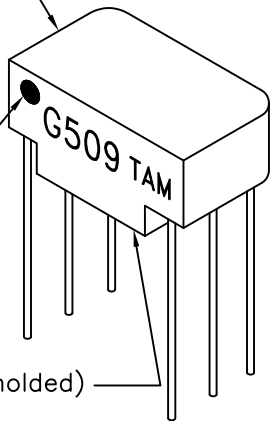
"TAM" and country of origin (molded)



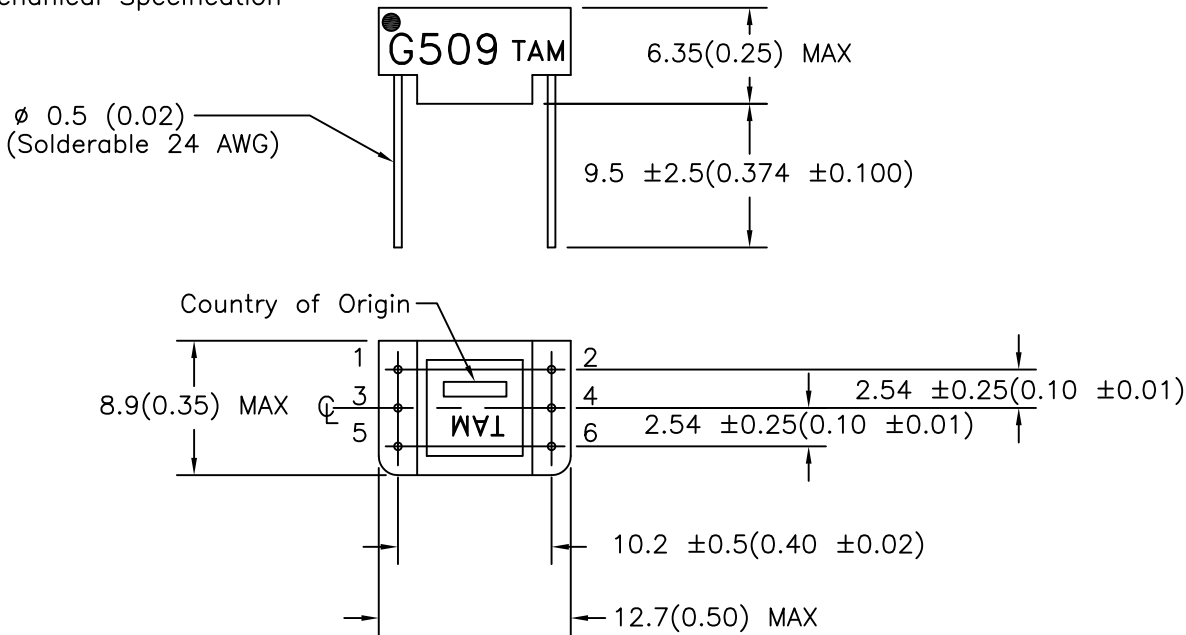
MODEL NUMBER

G509

Date code



D. Mechanical Specification



PREPARED BY:
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ENGINEER:
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SAFETY ENGINEER
T. CLEM

APPROVED:
Y. SEKIGUCHI

DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION
P-A1-10635	B	PULSE TRANSFORMER	G509
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DIM: mm[In]		SCL: 2/1	SH: 1 OF 1
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