

REV. Status

REVISION –
06/15/92 YSREVISION A
FLIPPED RADII
& CLARIFIED
MARKING
06/24/05 YSREVISION B
RoHS COMPLIANT
11/03/05 MPREVISION C
NOTE 5: 400 μ H
WAS 500 μ H
05/16/07 MP

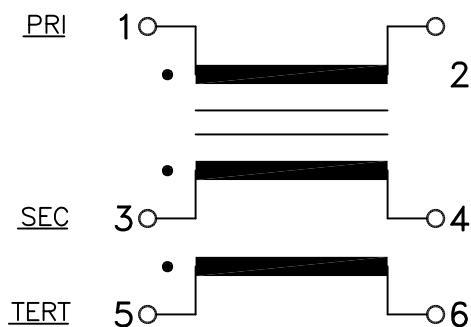
A. Electrical specification (@ 25°C)

1. Power rating;
500 mW
2. Dielectric strength;
500 VDC 1 minute
3. Insulation resistance;
10,000 M Ω MIN @ 500 VDC
4. Turns ratio;
(1–2) : (3–4) : (5–6) = 2 : 1 : 1 $\pm$ 5%
5. Primary open circuit inductance;
400 μ H MIN @ 1 KHz, 40 mV (1–2)
6. Primary ET–constant
8.5V– μ s MIN
7. Rise time;
5.6 ns MAX
8. Interwinding capacitance between primary and secondary;
11.0 PF MAX @ 100 KHz
9. Primary leakage inductance with shorted secondary;
1.1 μ H MAX @ 100 KHz
10. DC Resistance;
Primary (1–2) 1.3 Ω MAX
Secondary (3–4) 0.7 Ω MAX
Tertiary (5–6) 0.7 Ω MAX

B. Marking;

G507, TAM, date code and country of origin

C. Schematic diagram



PIN 1 Designation

"TAM" and country of origin (molded)

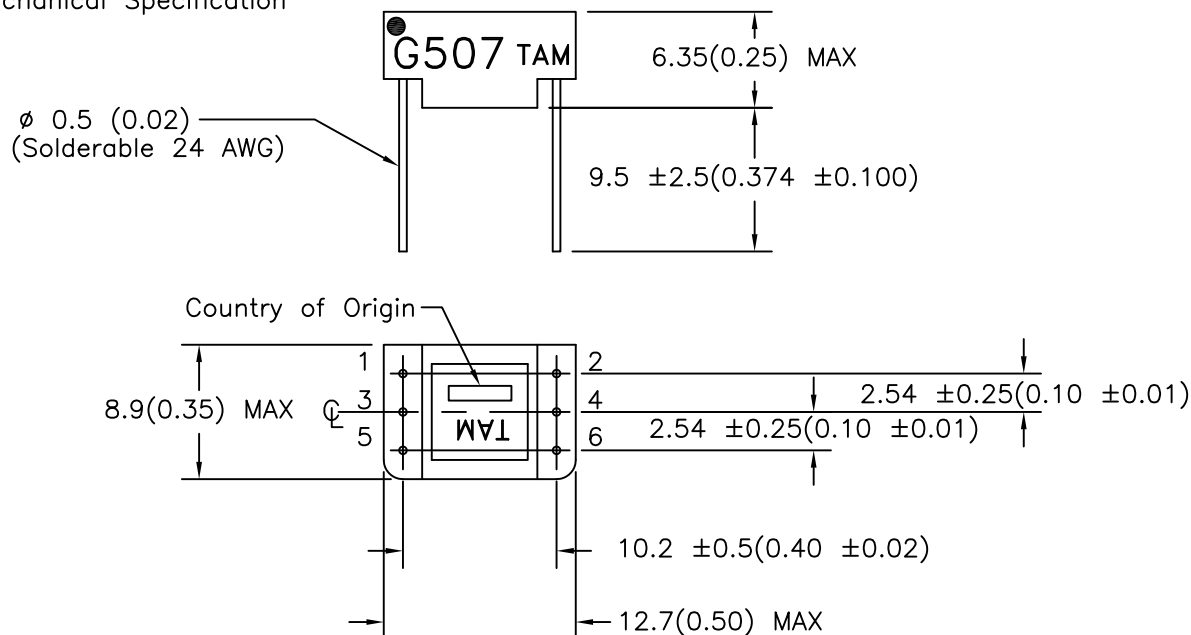
RoHS
COMPLIANT

MODEL NUMBER

G507



D. Mechanical Specification



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APPROVED:

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DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION
P-A1-10633	C	PULSE TRANSFORMER	G507
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