

REV. Status

REVISION –
06/12/92 TSREVISION A
TEMECULA WAS
CARSON
08/29/95 TSREVISION B
FLIPPED RADII
& CLARIFIED
MARKING
06/24/05 YSREVISION C
RoHS COMPLIANT
11/03/05 MP

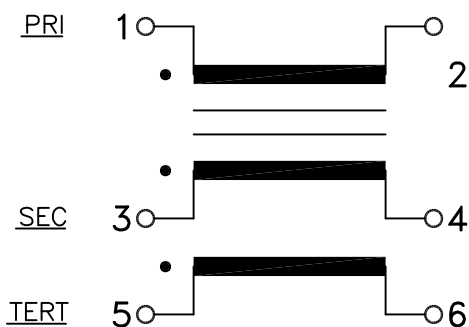
A. Electrical specification (@ 25°C)

1. Power rating;
500 mW
2. Dielectric strength;
500 VDC 1 minute
3. Insulation resistance;
10,000 MΩ MIN @ 500 VDC
4. Turns ratio;
(1–2) : (3–4) : (5–6) = 2 : 1 : 1 ±5%
5. Primary open circuit inductance;
5000 μH MIN @ 1 KHz, 40 mV (1–2)
6. Primary ET–constant
25.0V– μs MIN
7. Rise time;
16.0 ns MAX
8. Interwinding capacitance between primary and secondary;
33.0 PF MAX @ 100 KHz
9. Primary leakage inductance with shorted secondary;
3.6 μH MAX @ 100 KHz
10. DC Resistance;
Primary (1–2) 3.9 Ω MAX
Secondary (3–4) 2.0 Ω MAX
Tertiary (5–6) 2.0 Ω MAX

B. Marking;

G505, TAM, date code and country of origin

C. Schematic diagram



PIN 1 Designation

"TAM" and country of origin (molded)

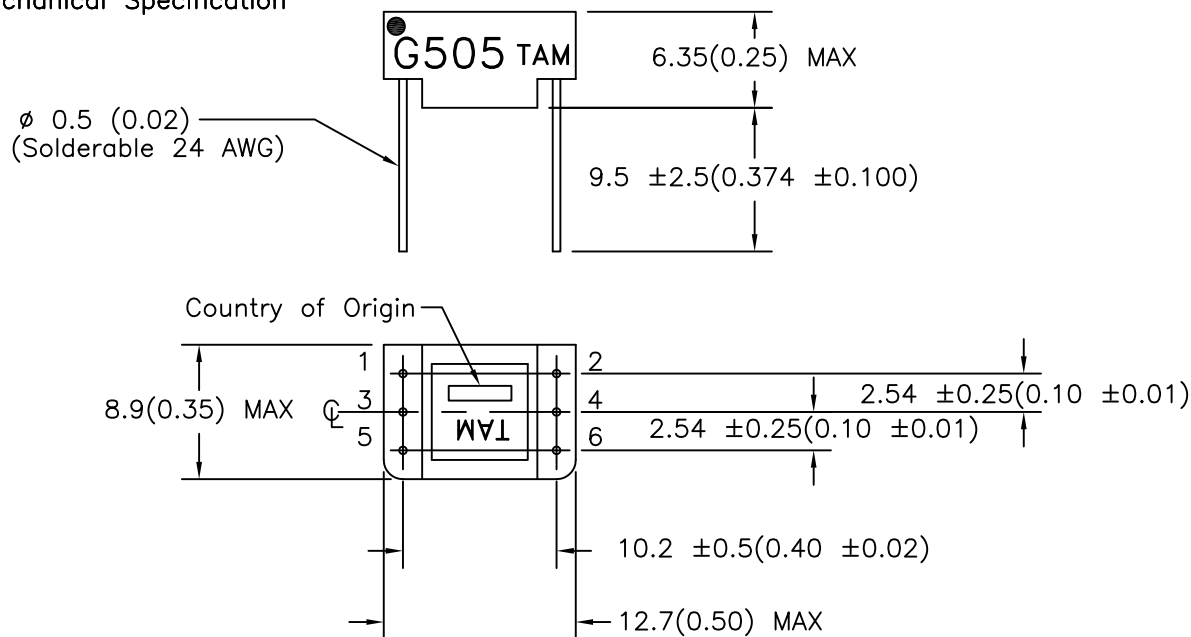
**RoHS
COMPLIANT**

MODEL NUMBER

G505



D. Mechanical Specification



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SAFETY ENGINEER

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Y. SEKIGUCHI

DRAWING CONTROL NO.

P-A1-10631

REV

C

MODEL DESCRIPTION

PULSE
TRANSFORMER

MODEL SPECIFICATION

G505

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DIM: mm[In]

SCL: 2/1

SH: 1 OF 1

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