

REV. Status

REVISION -
04/15/92 TSREVISION A
FLIPPED RADII
& CLARIFIED
MARKING
06/24/05 YSREVISION B
RoHS COMPLIANT
11/03/05 MPREVISION C
NOTE 5: 4500 μ H
WAS 5000 μ H
05/16/07 MP

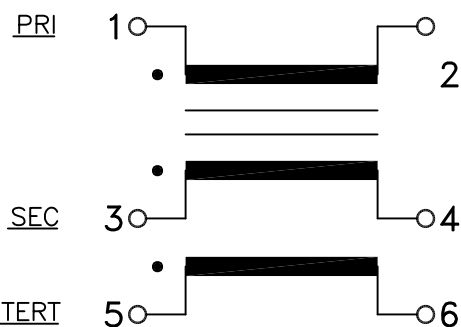
A. Electrical specification (@ 25°C)

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) = 1 : 1 : 1 $\pm$ 5%
5. Primary open circuit inductance;
4500 μ H MIN @ 1 KHz, 100 mV (1-2)
6. Primary ET-constant
25.0V- μ s MIN
7. Rise time;
10.5 ns MAX
8. Interwinding capacitance between primary and secondary;
60.0 PF MAX @ 100 KHz
9. Primary leakage inductance with shorted secondary;
1.3 μ H MAX @ 100 KHz
10. DC Resistance;
Primary (1-2) 3.9 Ω MAX
Secondary (3-4) 3.9 Ω MAX
Tertiary (5-6) 3.9 Ω MAX

B. Marking;

G500, TAM, date code and country of origin

C. Schematic diagram



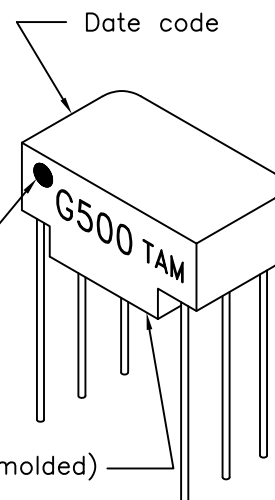
PIN 1 Designation

"TAM" and country of origin (molded)

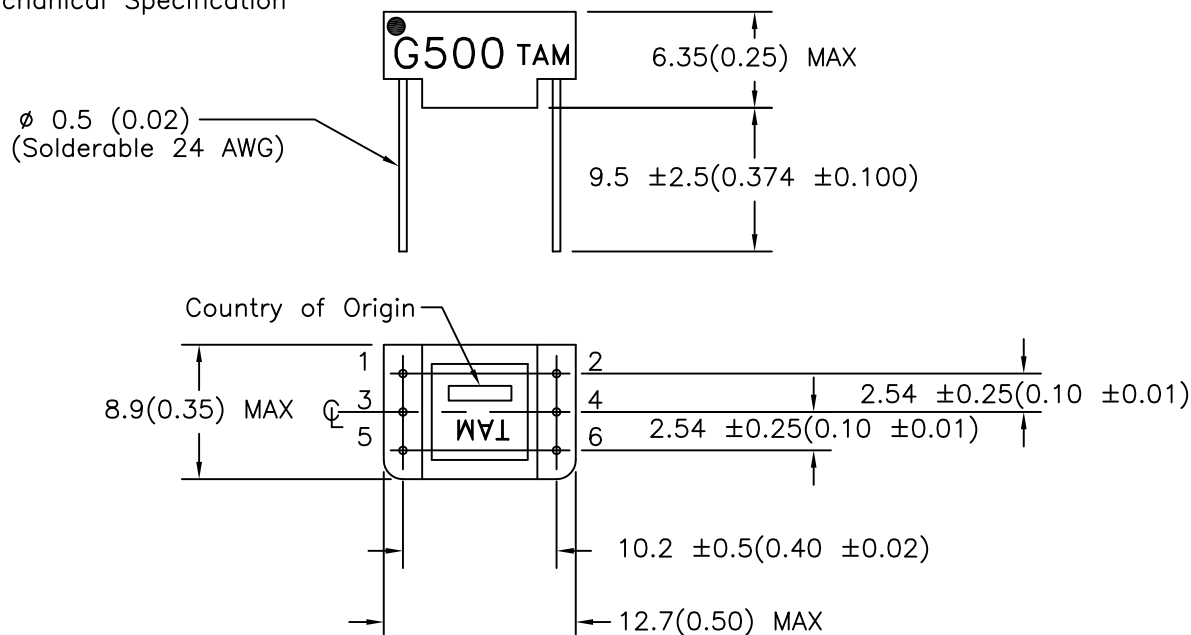
RoHS
COMPLIANT

MODEL NUMBER

G500



D. Mechanical Specification



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APPROVED:

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DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION
P-A1-10627	C	PULSE TRANSFORMER	G500
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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