

REV. Status

REVISION – 06/12/92 TS
REVISION A UPDATED FORMAT 05/02/96 TS
REVISION B FLIPPED RADII & CLARIFIED MARKING 06/24/05 YS
REVISION C RoHS COMPLIANT 11/03/05 MP

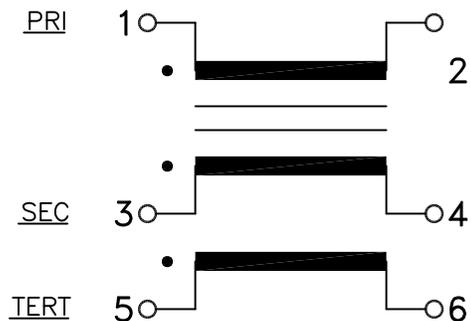
A. Electrical specification (@ 25°C)

- Power rating;
500 mW
- Dielectric strength;
500 VDC 1 minute
- Insulation resistance;
10,000 MΩ MIN @ 500 VDC
- Turns ratio;
(1–2) : (3–4) : (5–6) = 1 : 1 : 1 ±5%
- Primary open circuit inductance;
500 μH MIN @ 1 KHz, 40 mV (1–2)
- 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 (1–2) 1.3 Ω MAX
Secondary (3–4) 1.3 Ω MAX
Tertiary (5–6) 1.3 Ω MAX

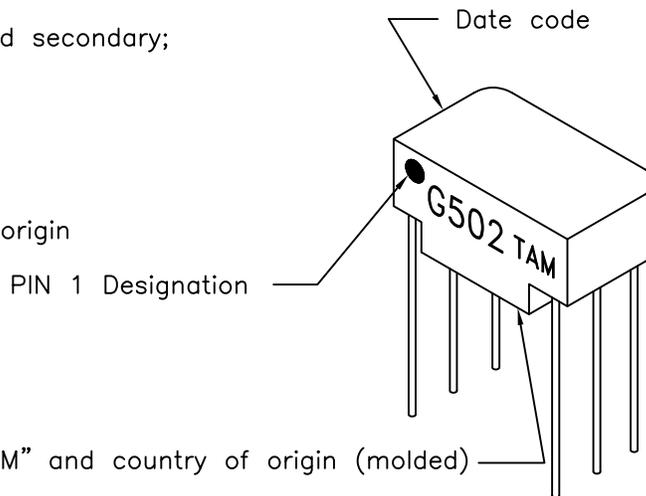
B. Marking;

G502, TAM, date code and country of origin

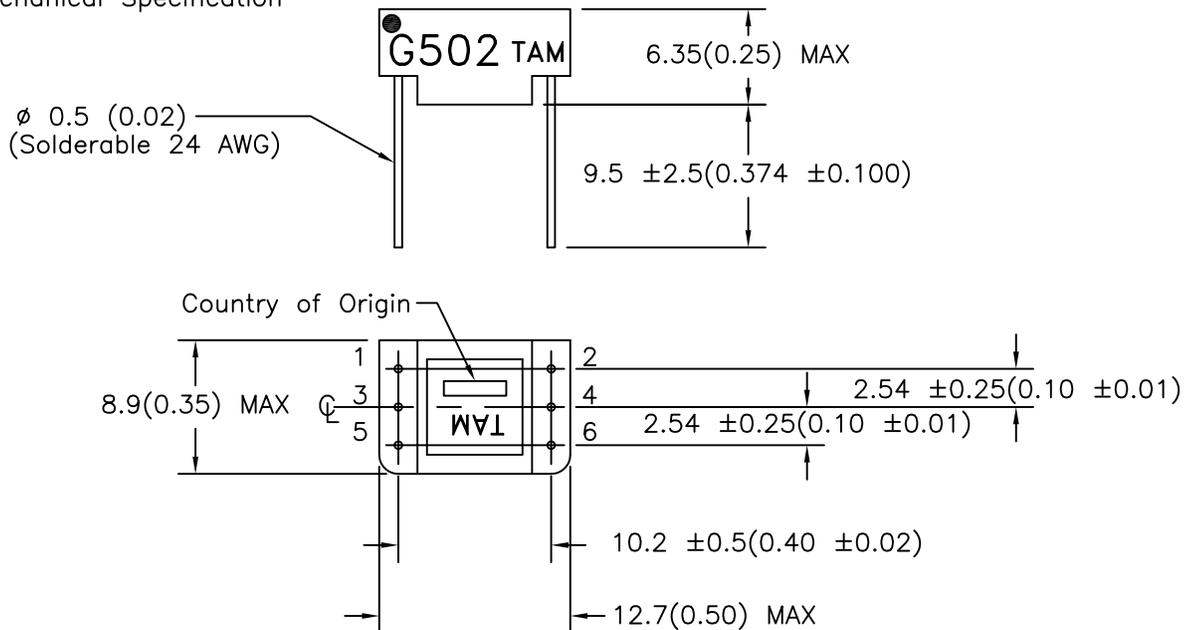
C. Schematic diagram



MODEL NUMBER
G502



D. Mechanical Specification



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DRAWING CONTROL NO. P-A1-10628	REV C	MODEL DESCRIPTION PULSE TRANSFORMER	MODEL SPECIFICATION G502
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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