



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

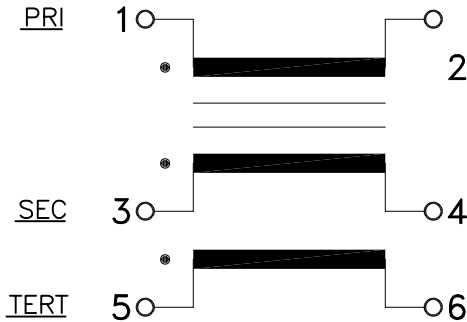
A. Electrical specification (@ 25°C)

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) = 1 : 1 : 1 ±5%
5. Primary open circuit inductance;  
500 μH MIN @ 1 KHz, 40 mV (1-2)
6. Primary ET-constant  
8.5V- μs MIN
7. Rise time;  
5.3 ns MAX
8. Interwinding capacitance between primary and secondary;  
32.0 PF MAX @ 100 KHz
9. Primary leakage inductance with shorted secondary;  
0.4 μH MAX @ 100 KHz
10. DC Resistance;  
Primary (1-2) 1.3 Ω MAX  
Secondary (3-4) 1.3 Ω MAX  
Tertiary (5-6) 1.3 Ω MAX

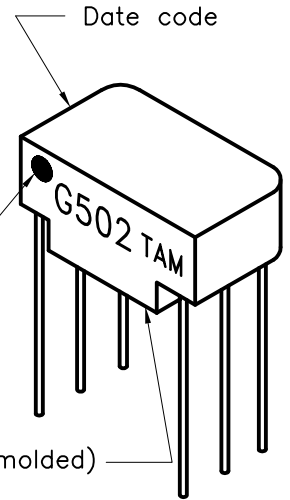
B. Marking;

G502, TAM, date code and country of origin

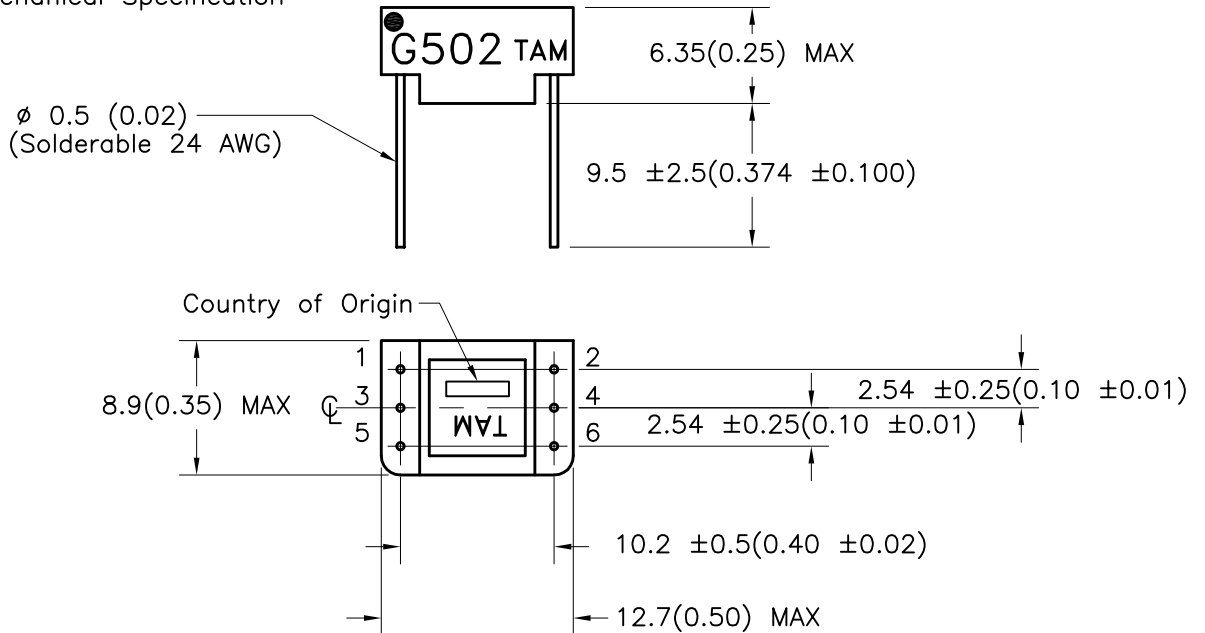
C. Schematic diagram



MODEL NUMBER  
**G502**



D. Mechanical Specification



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QUALITY CONTROL:

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APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.  
P-A1-10628  
ACAD\G-SER\A1106281.DWG

REV  
**C**

PULSE  
TRANSFORMER  
**TAMURA CORPORATION OF AMERICA**  
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
(951) 699-1270 FAX 9516769482

**G502**  
MODEL SPECIFICATION  
DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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