

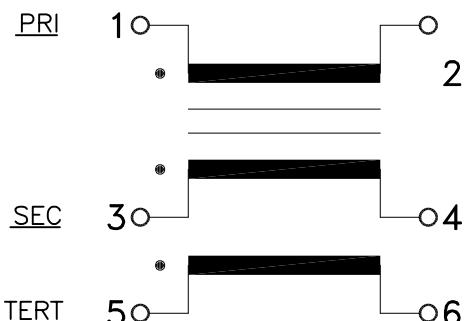
A. Electrical specification (@ 25°C)

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

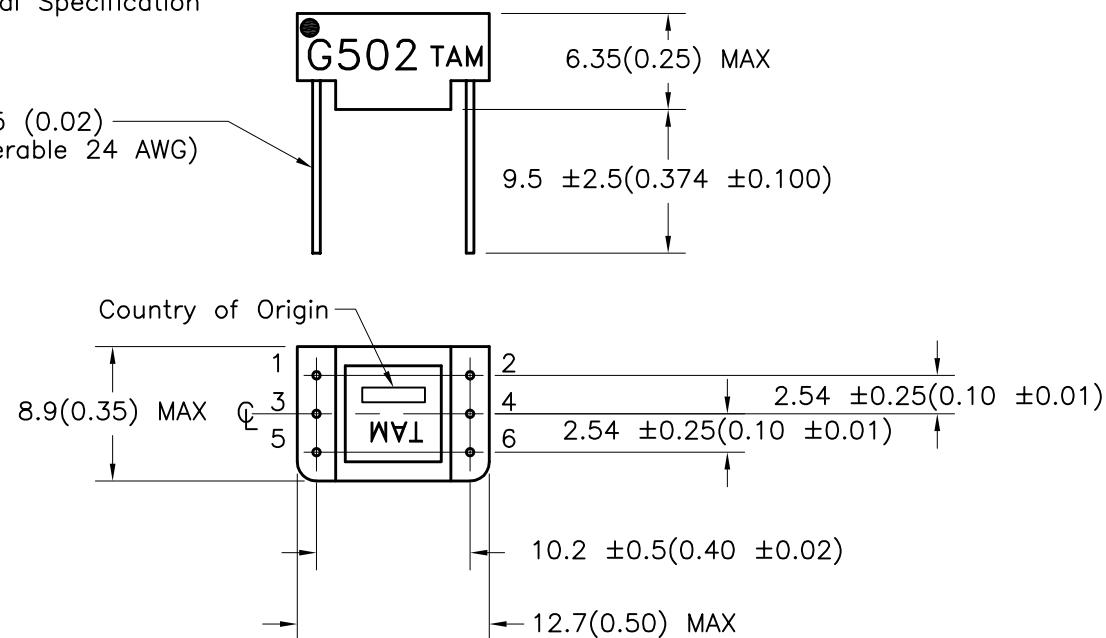


PIN 1 Designation

"TAM" and country of origin (molded)



## D. Mechanical Specification



PREPARED BY:

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ENGINEER:

M. PITCHAI

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

REV C

PULSE  
TRANSFORMER

QUALITY CONTROL:

T. CLEM

CONTENTS OF THIS DRAWING ARE  
SUBJECT TO CHANGE WITHOUT  
PRIOR NOTICETAMURA CORPORATION OF AMERICA  
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
(951) 699-1270 FAX 9516769482

MODEL SPECIFICATION

G502

DIM: mm(ln) SCL: 2/1 SH: 1 OF 1

APPROVED:

Y. SEKIGUCHI

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G502

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