



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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REV. Status

REVISION -  
04/15/92 TS

REVISION A  
FLIPPED RADII  
& CLARIFIED  
MARKING  
06/24/05 YS

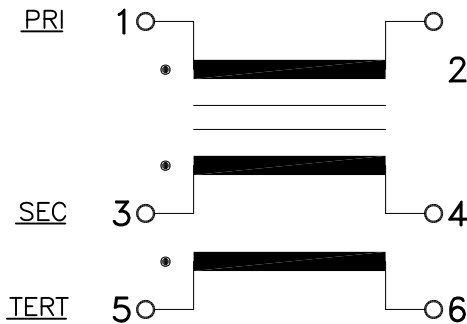
REVISION B  
RoHS COMPLIANT  
11/03/05 MP

REVISION C  
NOTE 5: 4500µH  
WAS 5000µH  
05/16/07 MP

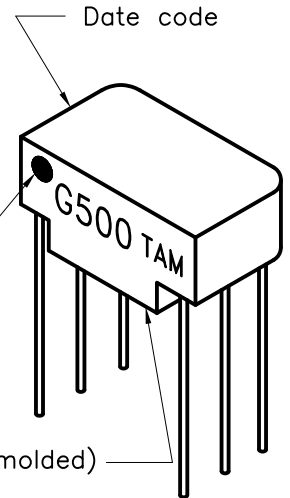
- A. Electrical specification (@ 25°C)
- Power rating;  
500 mW
  - Dielectric strength;  
500 VDC 1 minute
  - Insulation resistance;  
10,000 MΩ MIN @ 500 VDC
  - Turns ratio;  
(1-2) : (3-4) : (5-6) = 1 : 1 : 1 ±5%
  - Primary open circuit inductance;  
4500 µH MIN @ 1 KHZ, 100 mV (1-2)
  - Primary ET-constant  
25.0V-µs MIN
  - Rise time;  
10.5 ns MAX
  - Interwinding capacitance between primary and secondary;  
60.0 PF MAX @ 100 KHZ
  - Primary leakage inductance with shorted secondary;  
1.3 µH MAX @ 100 KHZ
  - 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

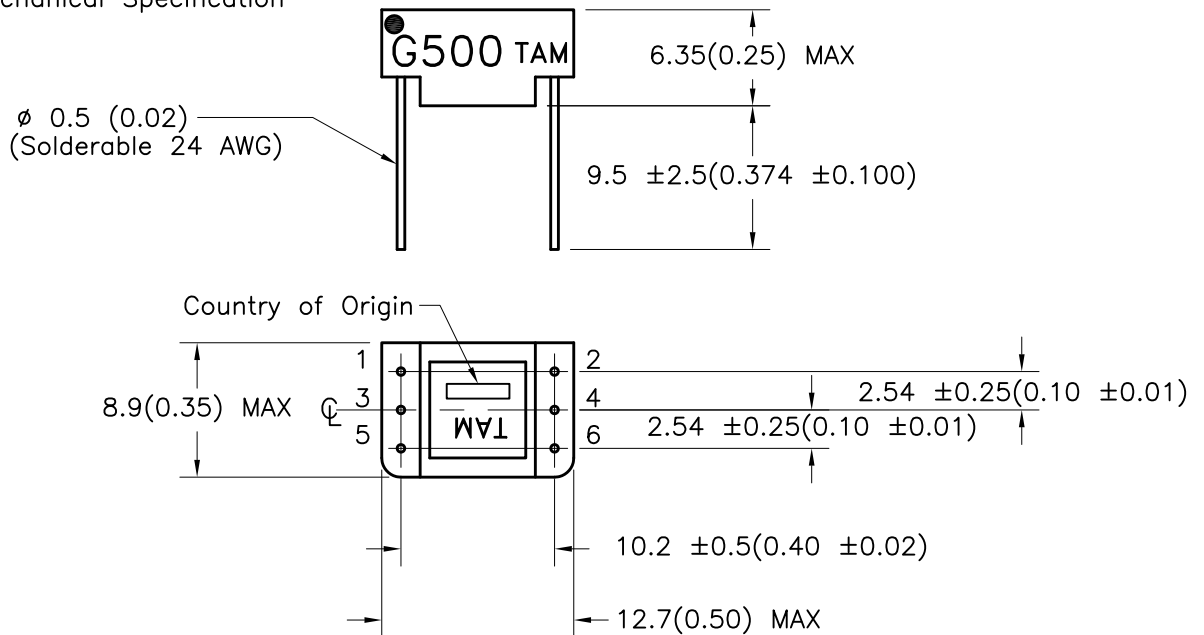


PIN 1 Designation



"TAM" and country of origin (molded)

D. Mechanical Specification



PREPARED BY:  
K. BRENNAN

ENGINEER:  
M. PITCHAI

SAFETY ENGINEER  
B. OCONNELL

APPROVED:  
Y. SEKIGUCHI

DWG CONTROL NO.  
P-A1-10627  
ACAD\G-SER\A1106271.DWG

REV  
C

PULSE  
TRANSFORMER

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

**G500**

MODEL SPECIFICATION

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

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MODEL NUMBER  
**G500**