



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



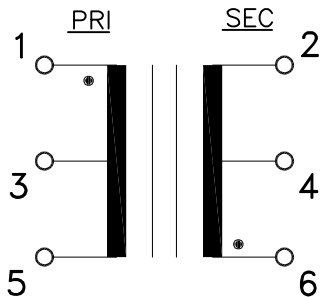
A. Electrical specification (@ 25°C)

1. Power rating;  
500 mW
2. Dielectric strength;  
500 VAC 1 minute
3. Insulation resistance;  
10,000 MΩ MIN @ 500 VDC
4. Turns ratio;  
(1-5) : (6-2) = 2 : 1.00 ±5%  
(1-3) : (6-4) = 2 : 1.00 ±5%
5. Primary open circuit inductance;  
2000 μH MIN @ 1 KHz, 40 mV (1-5)
6. Primary ET-constant  
16.0V- μs MIN
7. Rise time;  
11.0 ns MAX
8. Interwinding capacitance between Primary and Secondary;  
19.0 PF MAX @ 100 KHz
9. Primary leakage inductance wih shorted Secondary;  
1.8 μH MAX @ 100 KHz
10. DC Resistance;  
Primary (1-5) 2.5 Ω MAX  
Secondary (2-6) 1.4 Ω MAX

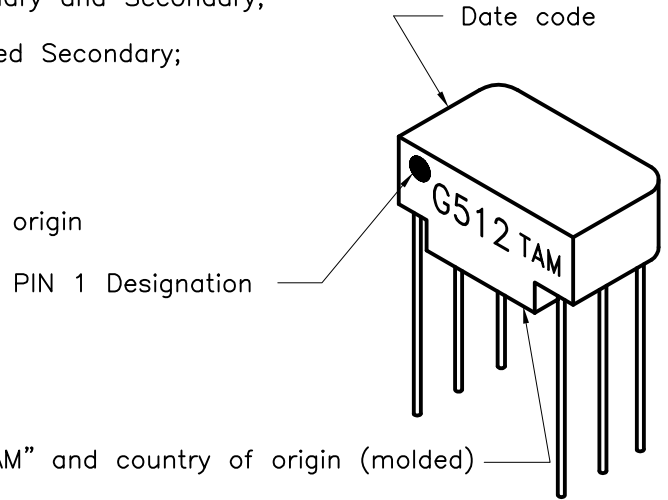
B. Marking;

G512, TAM, date code and country of origin

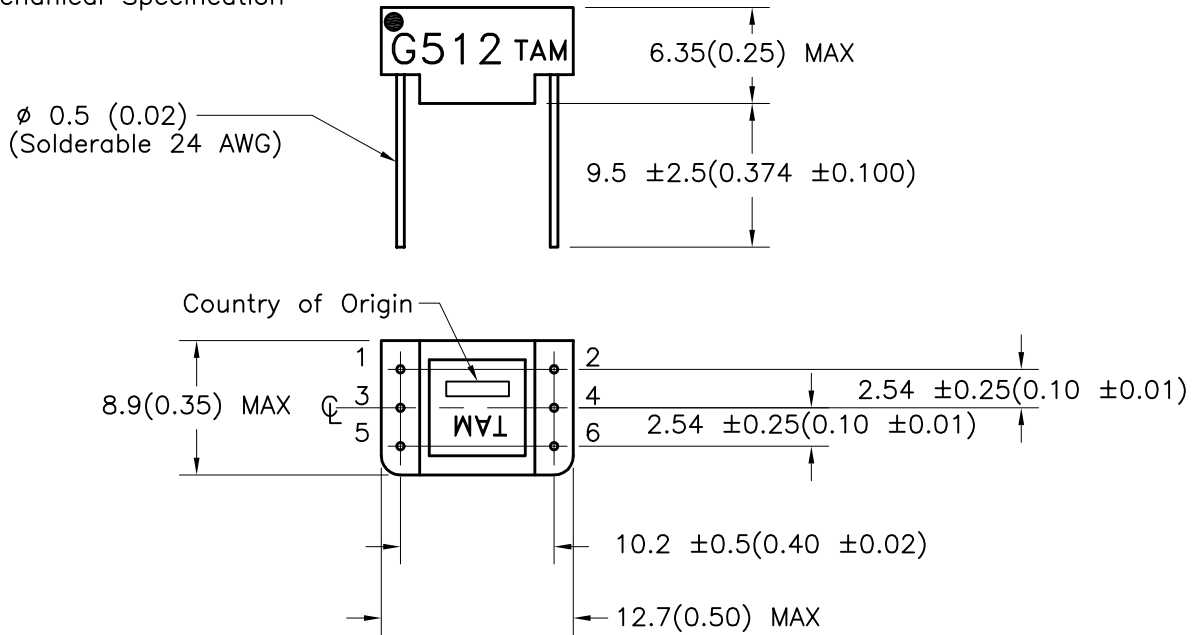
C. Schematic diagram



MODEL NUMBER  
**G512**



D. Mechanical Specification



PREPARED BY:

K. BRENNAN

ENGINEER:

M. PITCHAI

QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.  
P-A1-10350  
ACAD\G-SER\A1103501.DWG

REV  
**B**

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

**G512**  
MODEL SPECIFICATION  
DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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