

REVISION -  
5/7/93 TS

REVISION A  
CHANGED  
FORMAT  
11/19/01 YS

PULSE TRANSFORMER

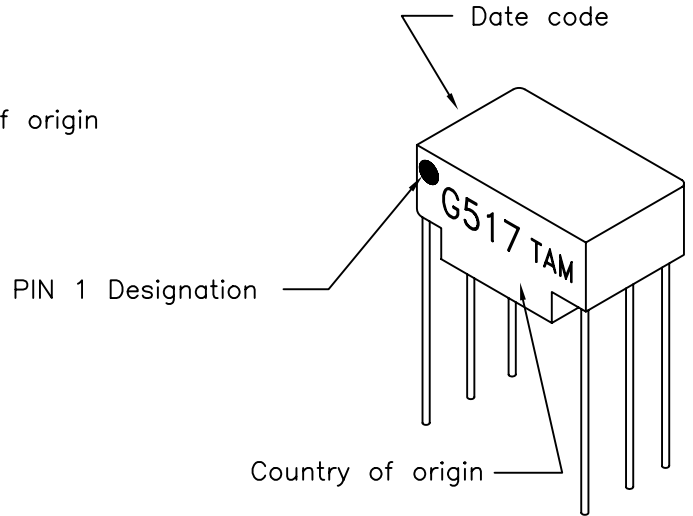
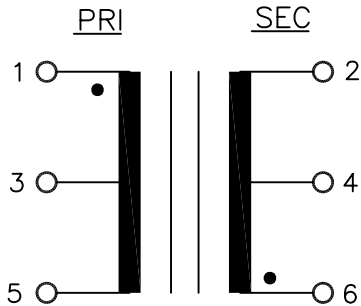
A. Electrical specification (@ 25°C)

1. Power rating; 500mW
2. Dielectric strength; 500VDC 1 minute
3. Insulation resistance; 10,000MΩ MIN @ 500VDC
4. Turns ratio;  
(1-5):(6-2)=1CT:1.4CT ±5%
5. Primary open circuit inductance;  
1000μH MIN @ 1KHz, 40mV (1-5)
6. Primary ET-constant  
10.5V-μs MIN
7. Rise time;  
7.3ns MAX
8. Interwinding capacitance between primary and secondary;  
32.0pF MAX @ 100KHz
9. Primary leakage inductance with shorted secondary;  
1.5μH MAX @ 100KHz
10. DC Resistance;  
Primary (1-5) 1.5Ω MAX  
Secondary (6-2) 1.5Ω MAX

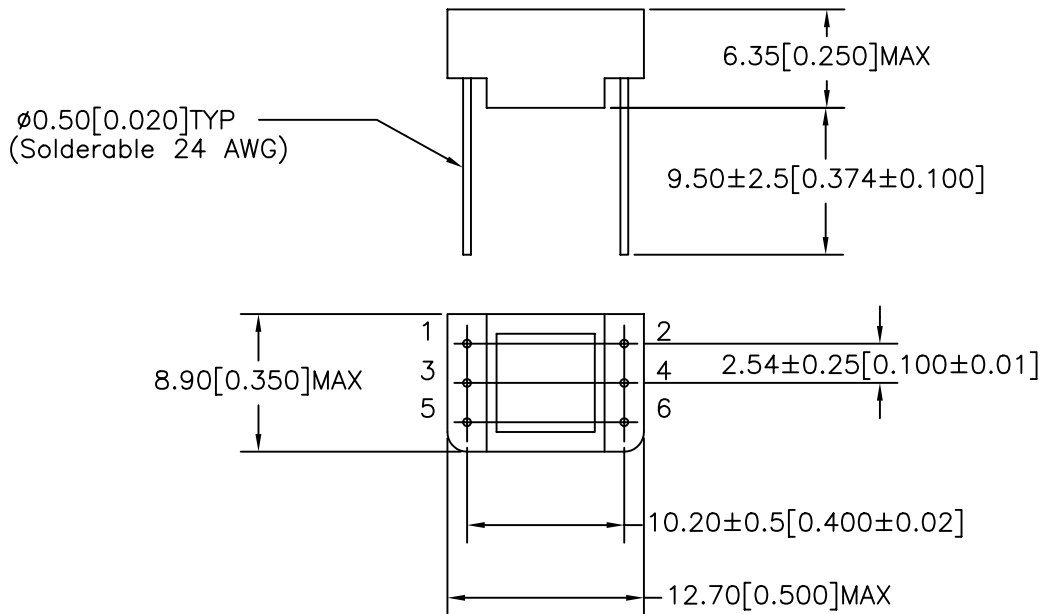
B. Marking;

G517, TAM, date code and country of origin

C. Schematic diagram



D. Mechanical Specification



PREPARED BY:

D. Rund

ENGINEER:

Y. Sekiguchi

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.  
P-A1-10854  
ACAD\G-SER\A1108541.DWG

REV  
A

PULSE  
TRANSFORMER

**TAMURA CORPORATION OF AMERICA**

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**G517**

MODEL SPECIFICATION

DIM: mm [In] SCL: 2/1 SH: 1 OF 1

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MODEL NUMBER  
**G517**