

REV. Status

REVISION –
5/7/93 TSREVISION A
CHANGED
FORMAT
11/19/01 YS

PULSE TRANSFORMER

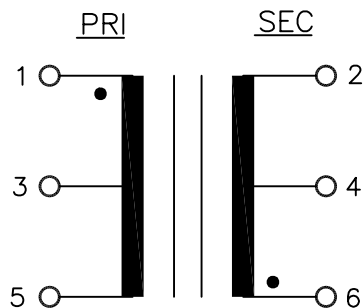
A. Electrical specification (@ 25°C)

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

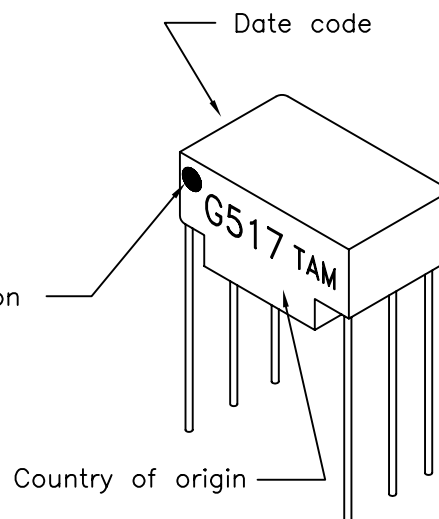
B. Marking;

G517, TAM, date code and country of origin

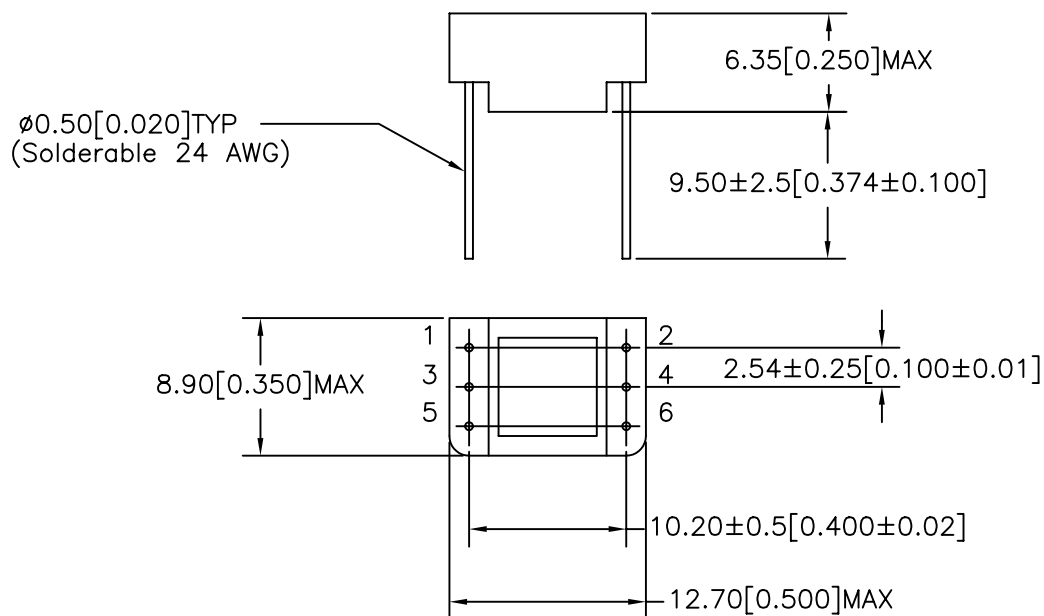
C. Schematic diagram



PIN 1 Designation



D. Mechanical Specification



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QUALITY CONTROL:

D. Kelley

APPROVED:

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DWG CONTROL NO.
P-A1-10854
ACAD\G-SER\A1108541.DWGREV
APULSE
TRANSFORMER**TAMURA CORPORATION OF AMERICA**
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MODEL SPECIFICATION

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

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MODEL NUMBER

G517