

REV. Status

REVISION -
07/20/92 TS

REVISION A
CHANGED
FORMAT
03/09/00 TS

PULSE TRANSFORMER

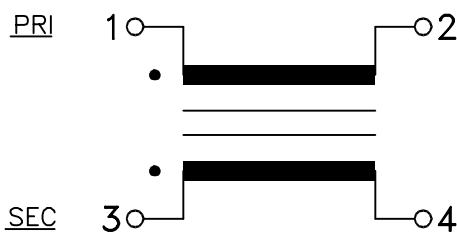
A. Electrical specification (@ 25°C)

1. Power rating; 500mW
2. Dielectric strength; 500VAC 1 minute
3. Insulation resistance; 10,000MΩ MIN @ 500VDC
4. Turns ratio; (1-2):(3-4)= 1:1.30 ±2%
5. Primary open circuit inductance; 500μH MIN @ 1KHz, 40mV (1-2)
6. Primary ET-constant 8.5V-μs MIN
7. Rise time; 5.6ns MAX
8. Interwinding capacitance between primary and secondary; 32.0pF MAX @ 100KHz
9. Primary leakage inductance with shorted secondary; 0.7μH MAX @ 100KHz
10. DC Resistance; Primary (1-2) 1.35Ω MAX
Secondary (3-4) 1.35Ω MAX

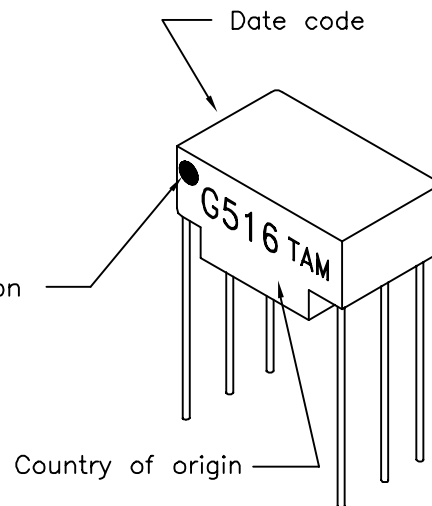
B. Marking;

G516, TAM, date code and country of origin

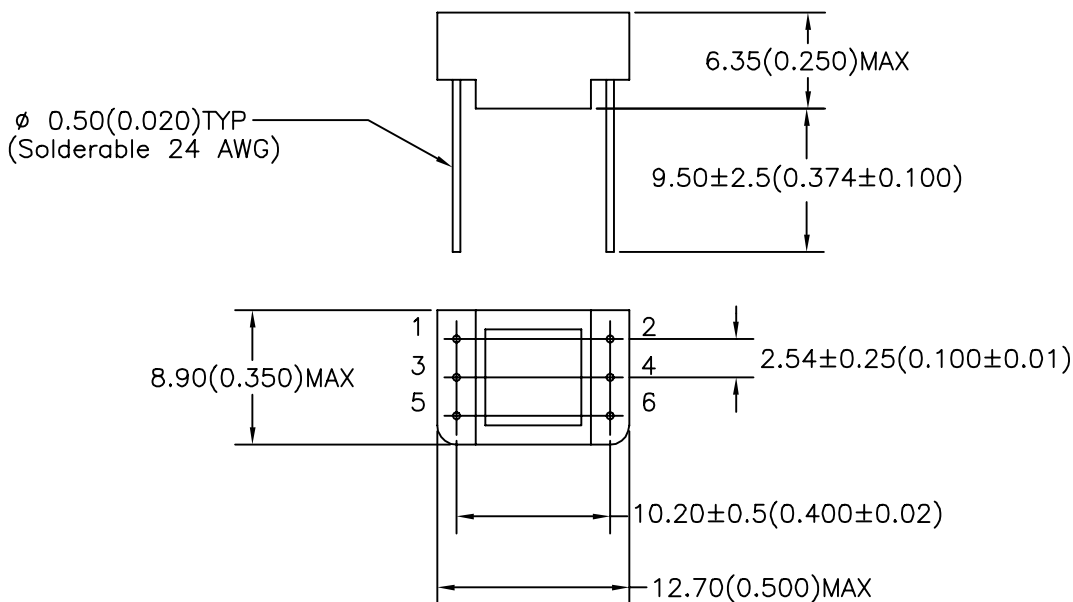
C. Schematic diagram



PIN 1 Designation



D. Mechanical Specification



PREPARED BY:

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ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO.
P-A1-10724
ACAD\GSERIES\A1107241.DWG

REV
A

PULSE
TRANSFORMER

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G516

MODEL SPECIFICATION

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

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