

REVISION -
6/1/93 TS

REVISION A
CHANGED
FORMAT
03/09/00 TS

PULSE TRANSFORMER

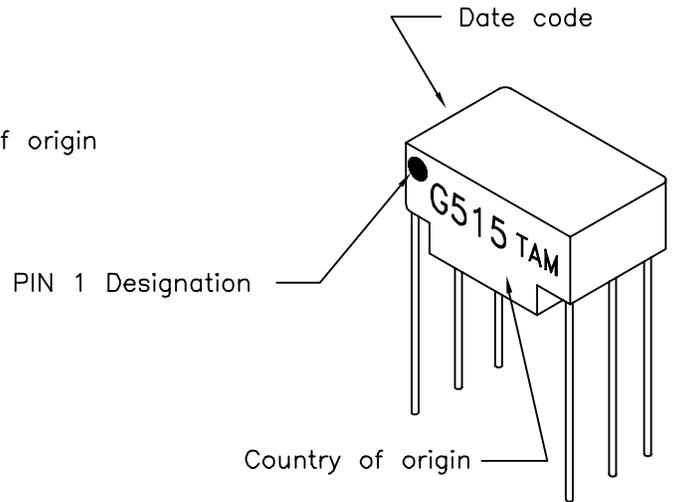
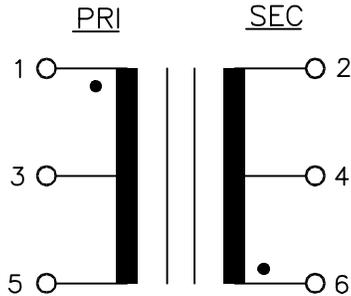
A. Electrical specification (@ 25°C)

1. Power rating; 500mW
2. Dielectric strength; 500VDC 1 minute
3. Insulation resistance; 10,000MΩ MIN @ 500VDC
4. Turns ratio;
 - (1-5):(6-2)=2:1±5%
 - (1-3):(3-5)=1:1±5%
 - (6-4):(4-2)=1:1±5%
5. Primary open circuit inductance; 200μH MIN @ 1KHz, 40mV (1-5)
6. Primary ET-constant 5.0V-μs MIN
7. Rise time; 3.2ns MAX
8. Interwinding capacitance between primary and secondary; 8.0pF MAX @ 100KHz
9. Primary leakage inductance with shorted secondary; 0.8μH MAX @ 100KHz
10. DC Resistance;
 - Primary (1-5) 0.9Ω MAX
 - Secondary (6-2) 0.5Ω MAX

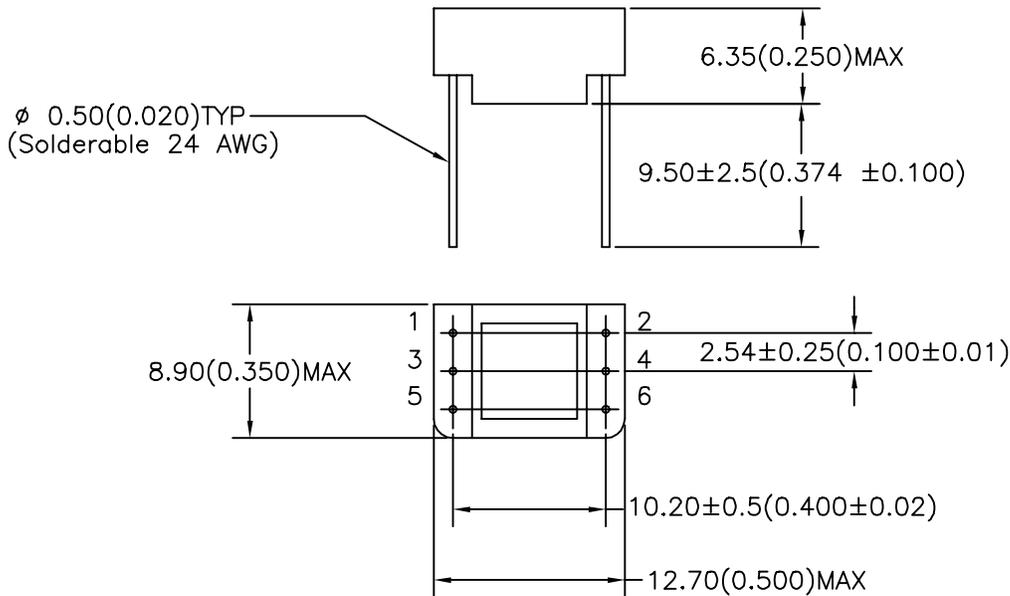
B. Marking;

G515, TAM, date code and country of origin

C. Schematic diagram



D. Mechanical Specification



PREPARED BY:

D. Rund

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO.
P-A1-10864
ACAD\G-SER\A1108641.DWG

REV
A

PULSE TRANSFORMER
TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

G515
MODEL SPECIFICATION
DIM: mm(In) SCL: 2/1 SH: 1 OF 1

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.

MODEL NUMBER
G515