

REV. Status

REVISION -
05/07/93 TS

REVISION A
UPDATED FORMAT
11/19/01 TS

REVISION B
FLIPPED RADII
& CLARIFIED
MARKING
06/24/05 YS

REVISION C
RoHS COMPLIANT
11/03/05 MP

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



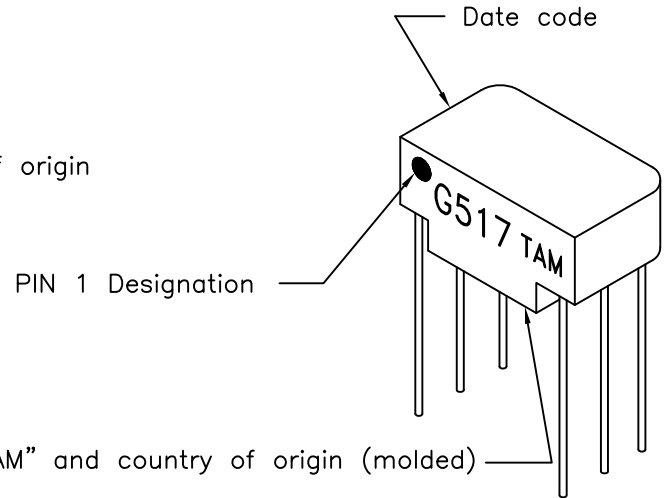
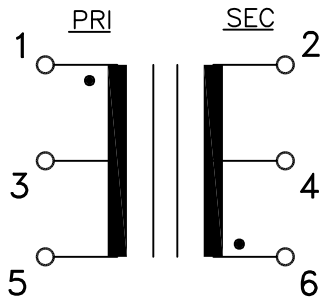
MODEL NUMBER

G517

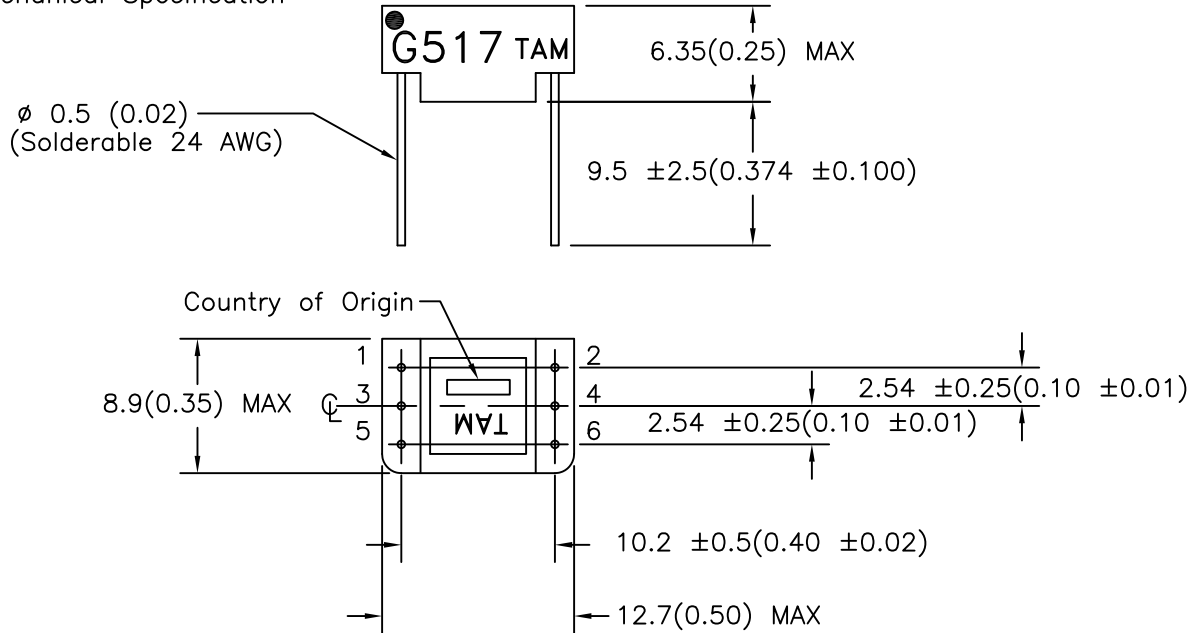
B. Marking;

G517, TAM, date code and country of origin

C. Schematic diagram



D. Mechanical Specification



PREPARED BY:

K. BRENNAN

ENGINEER:

M. PITCHAI

SAFETY ENGINEER

T. CLEM

APPROVED:

Y. SEKIGUCHI

DRAWING CONTROL NO.
P-A1-10854

REV
C

MODEL DESCRIPTION
PULSE
TRANSFORMER

MODEL SPECIFICATION

G517

CONTENTS OF THIS DRAWING ARE
SUBJECT TO CHANGE WITHOUT
PRIOR NOTICE

TAMURA CORPORATION OF AMERICA
1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029
(951) 699-1270 FAX 7607400536

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.