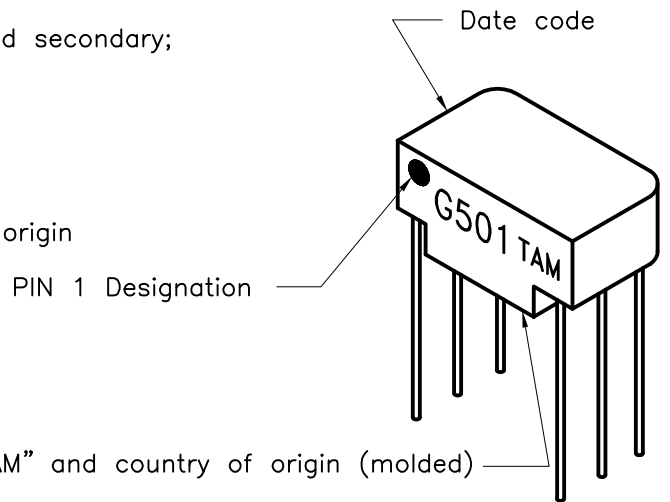
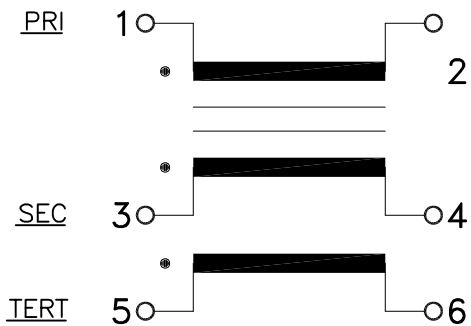


REV. Status

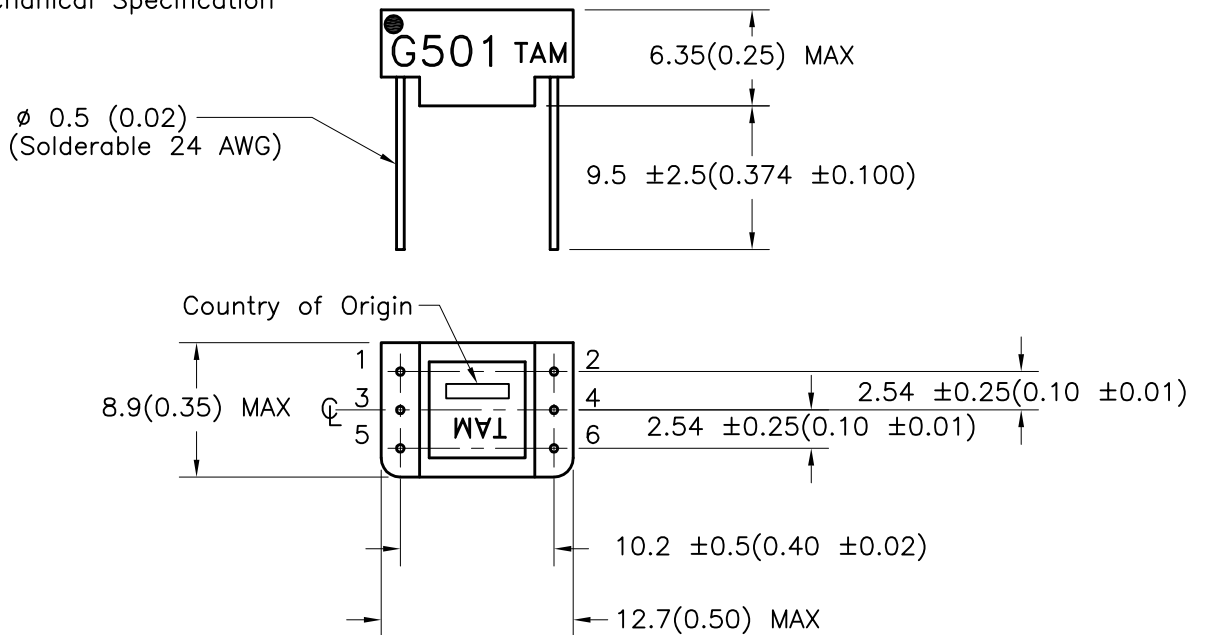
REVISION – 06/12/94 TS
REVISION A UPDATED FORMAT REV NOTE 2 WAS 500VDC 12/02/94 TS
REVISION B FLIPPED RADII CLARIFIED MARKING 06/24/05 YS

MODEL NUMBER
G501

- A. Electrical specification (@ 25°C)
- Power rating;
500 mW
 - Dielectric strength;
500 VDC 1 minute
 - Insulation resistance;
10,000 MΩ MIN @ 500 VDC
 - Turns ratio;
(1-2) : (3-4) : (5-6) = 1 : 1 : 1 ±5%
 - Primary open circuit inductance;
2000 μH MIN @ 1 KHz, 40 mV (1-2)
 - Primary ET-constant
16.0V- μs MIN
 - Rise time;
8.2 ns MAX
 - Interwinding capacitance between primary and secondary;
37.0 PF MAX @ 100 KHz
 - Primary leakage inductance with shorted secondary;
0.8 μH MAX @ 100 KHz
 - DC Resistance;
Primary (1-2) 2.5 Ω MAX
Secondary (3-4) 2.5 Ω MAX
Tertiary (5-6) 2.5 Ω MAX
- B. Marking;
G501, TAM, date code and country of origin
- C. Schematic diagram



D. Mechanical Specification



PREPARED BY:
K. BRENNAN

ENGINEER: Y. SEKIGUCHI	DRAWING CONTROL NO. P-A1-10626 ACAD\G-SER\A1106261.DWG	REV B	MODEL DESCRIPTION PULSE TRANSFORMER G501	MODEL SPECIFICATION G501
QUALITY CONTROL: T. CLEM	TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (951) 699-1270 FAX 9516769482			DIM: mm[In] SCL: 2/1 SH: 1 OF 1
APPROVED: Y. SEKIGUCHI	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.			