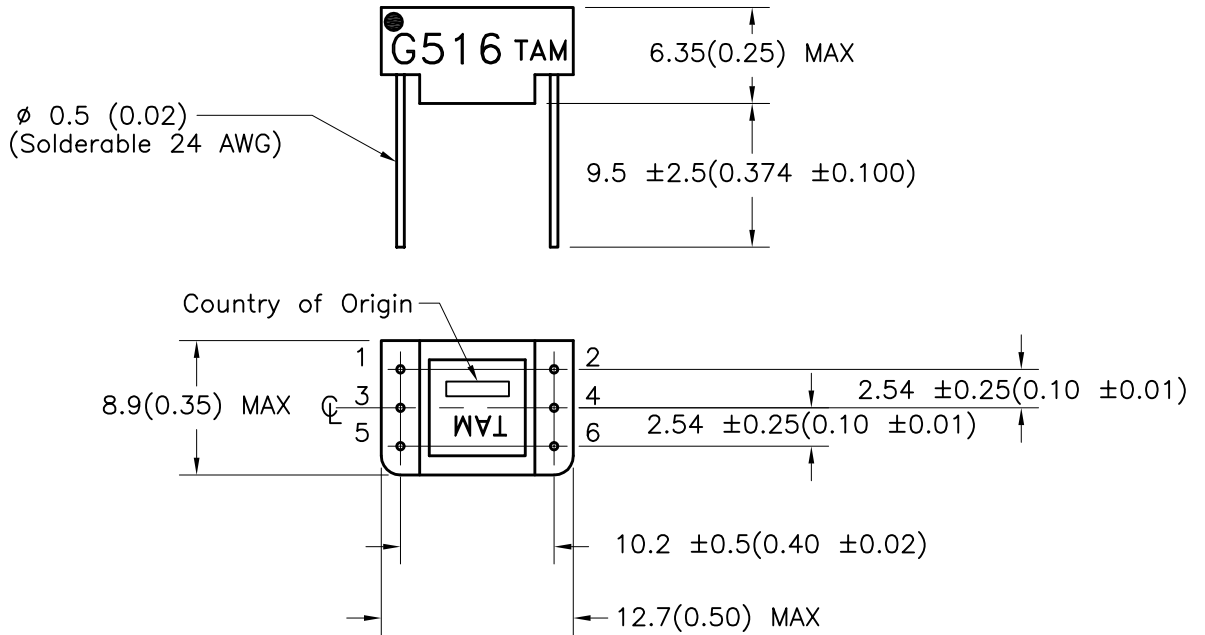
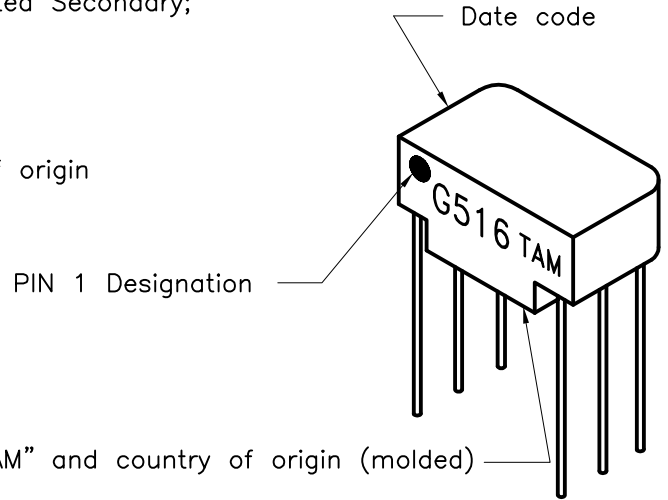
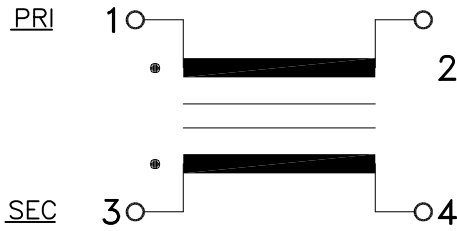


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| REVISION - 07/20/92 TS |
| REVISION A CHG'D FORMAT 03/09/00 TS |
| REVISION B FLIPPED RADII & CLARIFIED MARKING 06/24/05 YS |
| REVISION C RoHS COMPLIANT 11/03/05 MP |

- A. Electrical specification (@ 25°C)
1. Power rating; 500mW
 2. Dielectric strength; 500VAC 1 minute
 3. Insulation resistance; 10,000MΩ MIN @ 500VDC
 4. Turns ratio; (1-2):(3-4)= 1:1.30 ±5%
 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



MODEL NUMBER
G516



PREPARED BY:
K. BRENNAN

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|-----------------------------|--|----------|--|------------------------------------|--|
| ENGINEER: M. PITCHAI | DWG CONTROL NO. P-A1-10724 ACAD\G-SER\A1107241.DWG | REV C | PULSE TRANSFORMER | G516 MODEL SPECIFICATION | |
| QUALITY CONTROL: T. CLEM | CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE | | TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (951) 699-1270 FAX 9516769482 | | |
| 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. | | | | |

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