

REV. Status

REVISION - 07/06/95 TS
REVISION A FLIPPED RADII & CLARIFIED MARKING 06/24/05 YS
REVISION B RoHS COMPLIANT 11/03/05 MP

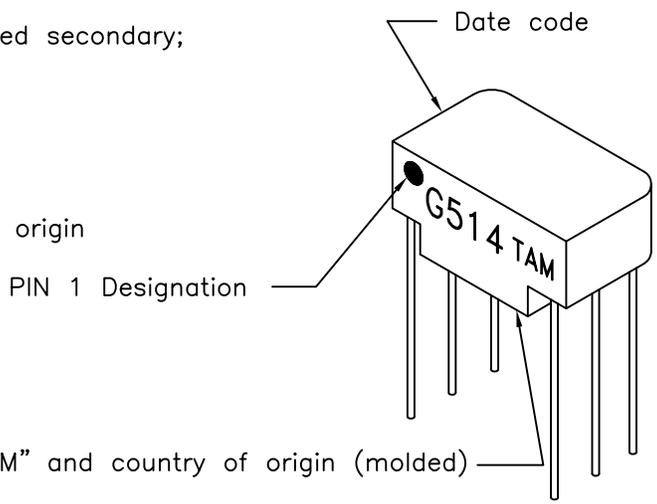
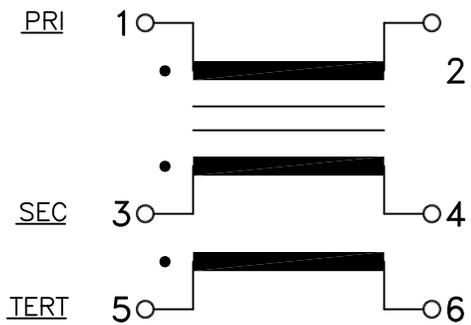
MODEL NUMBER
G514

- A. Electrical specification (@ 25°C)
- Power rating;
500 mW
 - Dielectric strength;
1.5K VAC 1 minute between primary and secondary, primary and tertiary
 - Insulation resistance;
10,000 MΩ MIN @ 500 VDC
 - Turns ratio;
(1-2) : (3-4) : (5-6) = 1 : 1 : 1 ±5%
 - Primary open circuit inductance;
1.2 mH MIN @ 10 KHz, 20 mV (1-2)
 - Primary ET-constant
12.0V- μs MIN
 - Rise time;
7.5 ns MAX
 - Interwinding capacitance between primary and secondary;
30 PF MAX @ 100 KHz
 - Primary leakage inductance with shorted secondary;
0.7 μH MAX @ 100 KHz
 - DC Resistance;

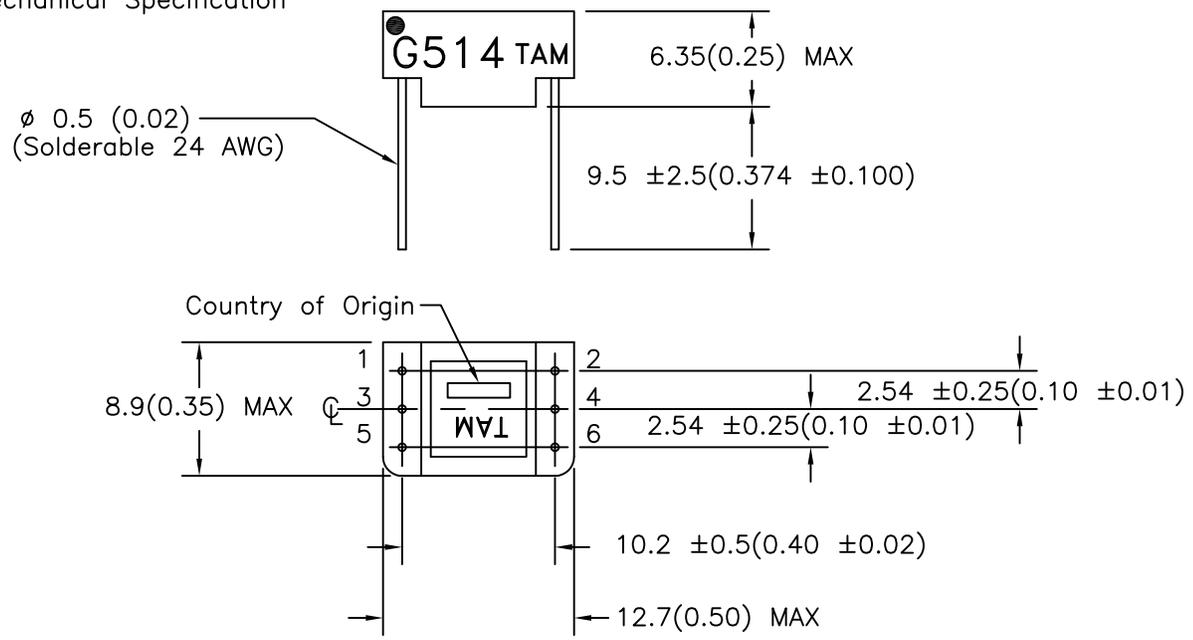
Primary (1-2)	0.7 Ω	MAX
Secondary (3-4)	0.7 Ω	MAX
Tertiary (5-6)	0.7 Ω	MAX



- B. Marking;
G514, TAM, date code and country of origin
- C. Schematic diagram



D. Mechanical Specification



PREPARED BY:
K. BRENNAN

ENGINEER: M. PITCHAI	DRAWING CONTROL NO. P-A1-11331	REV B	MODEL DESCRIPTION PULSE TRANSFORMER	MODEL SPECIFICATION G514
SAFETY ENGINEER T. CLEM	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
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