

REV. Status

REVISION – 06/12/92 TS
REVISION A REFORMATTED 05/10/96 TS
REVISION B FLIPPED RADII & CLARIFIED MARKING 06/24/05 YS
REVISION C RoHS COMPLIANT 11/03/05 MP

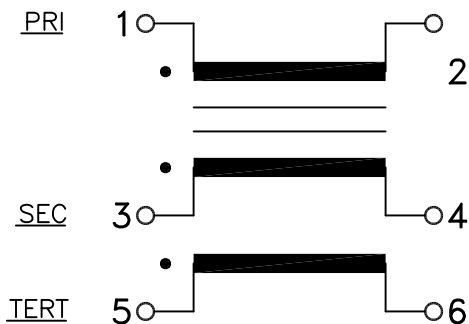
A. Electrical specification (@ 25 C)

- 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;  
50 μH MIN @ 1 KHz, 40 mV (1–2)
- Primary ET–constant  
5.2V–μs MIN
- Rise time;  
5.6 ns MAX
- Interwinding capacitance between Primary and Secondary;  
18.0 PF MAX @ 100 KHz
- Primary leakage inductance with shorted Secondary;  
0.5 μH MAX @ 100 KHz
- DC Resistance;  
Primary (1–2) 1.3Ω MAX  
Secondary (3–4) 1.3Ω MAX  
Tertiary (5–6) 1.3Ω MAX

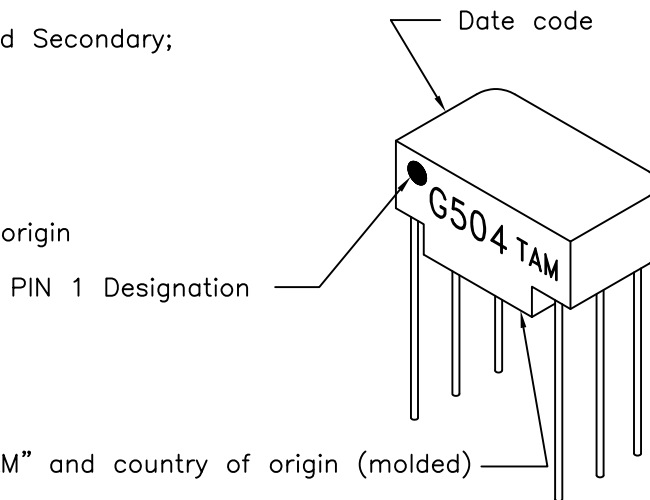
B. Marking;

G504, TAM, date code and country of origin

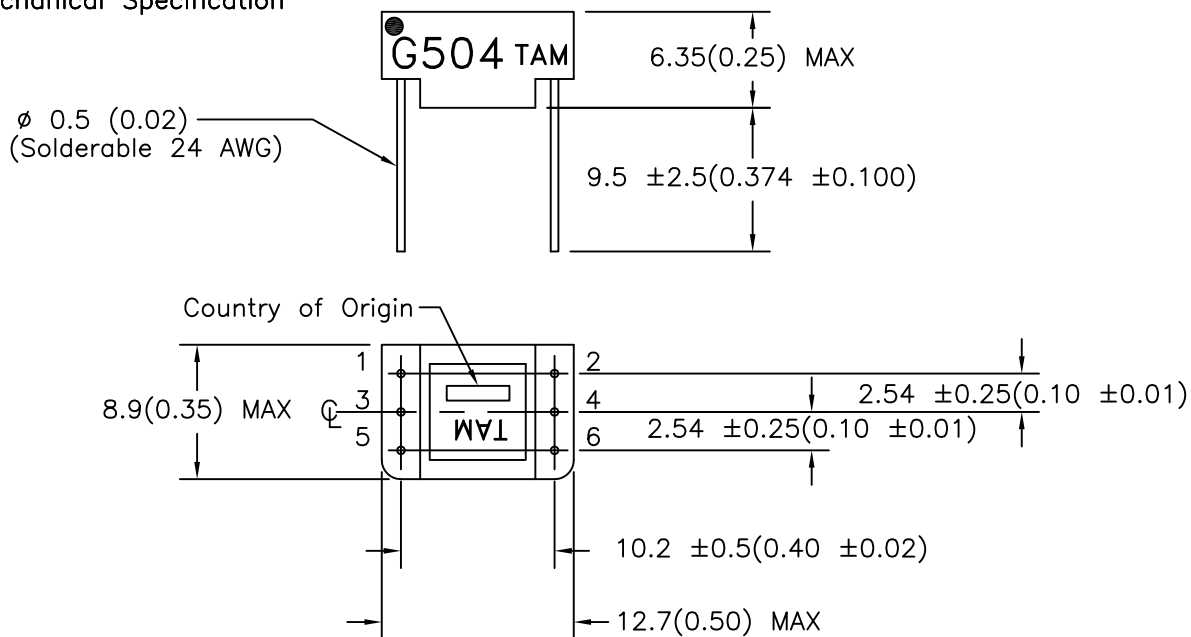
C. Schematic diagram



MODEL NUMBER  
**G504**



D. Mechanical Specification



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Y. SEKIGUCHI

DRAWING CONTROL NO. P-A1-10630	REV C	MODEL DESCRIPTION PULSE TRANSFORMER	MODEL SPECIFICATION <b>G504</b>
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