

## PULSE TRANSFORMER

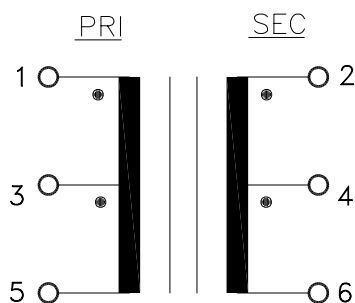
## A. Electrical specification (@ 25°C)

- Turns ratio;  
(1-5) : (6-2) = 2 CT : 1 CT  $\pm 5\%$
- Primary open circuit inductance;  
2.0mH MIN @ 10KHz, 200mV (1-5)
- Primary ET-constant  
10 V- $\mu$ s MIN
- Interwinding capacitance between primary (1 & 3 & 5 shorted)  
and secondary (2 & 4 & 6 shorted):  
30.0 PF MAX @ 100KHz, 20mV
- Primary leakage inductance with shorted secondary (2 & 4 & 6);  
1.5  $\mu$ H MAX @ 100KHz, 20mV (1-5)
- DC Resistance;  
Primary (1-5) 0.7  $\Omega$  MAX  
Secondary (6-2) 0.4  $\Omega$  MAX
- Dielectric strength;  
1.5KVAC 1 minute @ Pri - Sec
- Insulation resistance;  
10,000 M $\Omega$  MIN @ 500VDC @ Pri - Sec

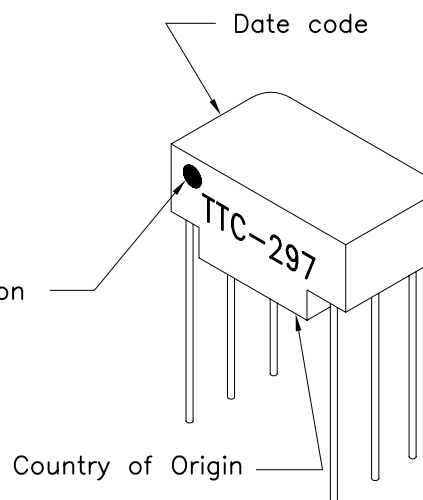
## B. Marking;

TTC-297, date code and country of origin

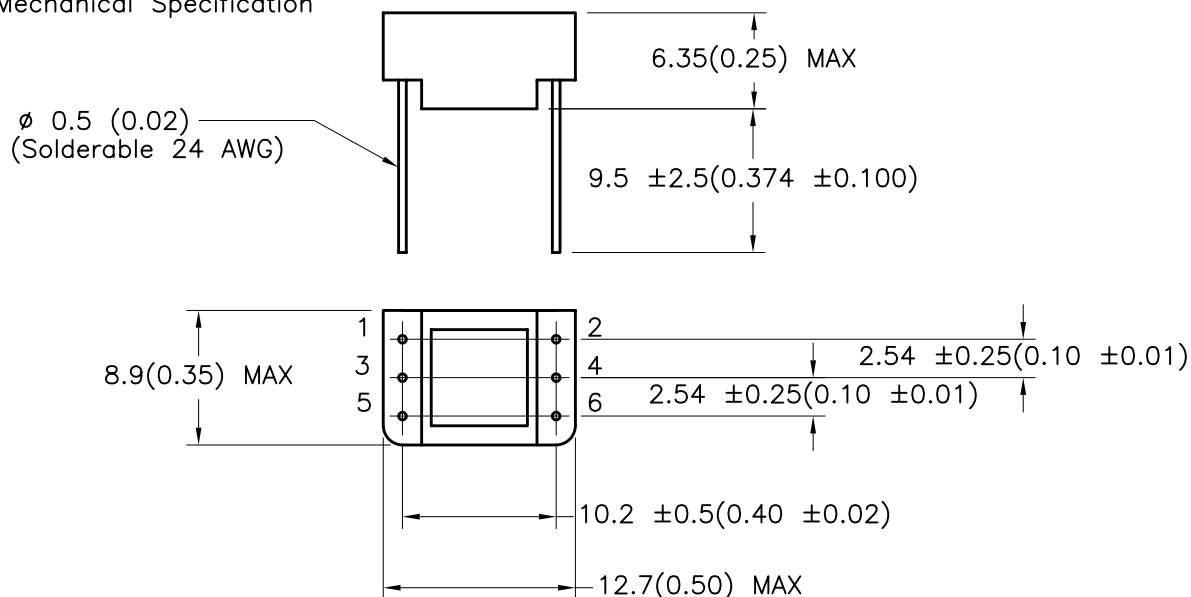
## C. Schematic diagram



PIN 1 Designation



## D. Mechanical Specification



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DWG CONTROL NO.  
P-A1-12286  
ACAD\TTC\A112286A.DWG

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PULSE  
TRANSFORMER

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TTC-297

MODEL SPECIFICATION

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

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MODEL NUMBER

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