

REV. Status  
 REVISION -  
 02/01/00 TS

PULSE TRANSFORMER

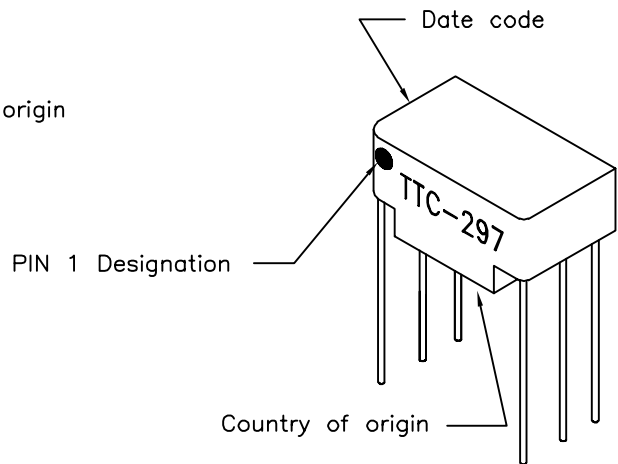
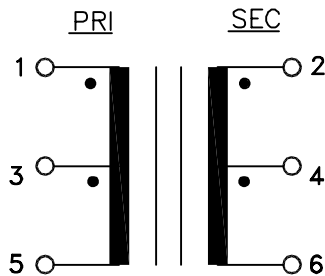
MODEL NUMBER  
**TTC-297**

A. Electrical specification (@ 25°C)

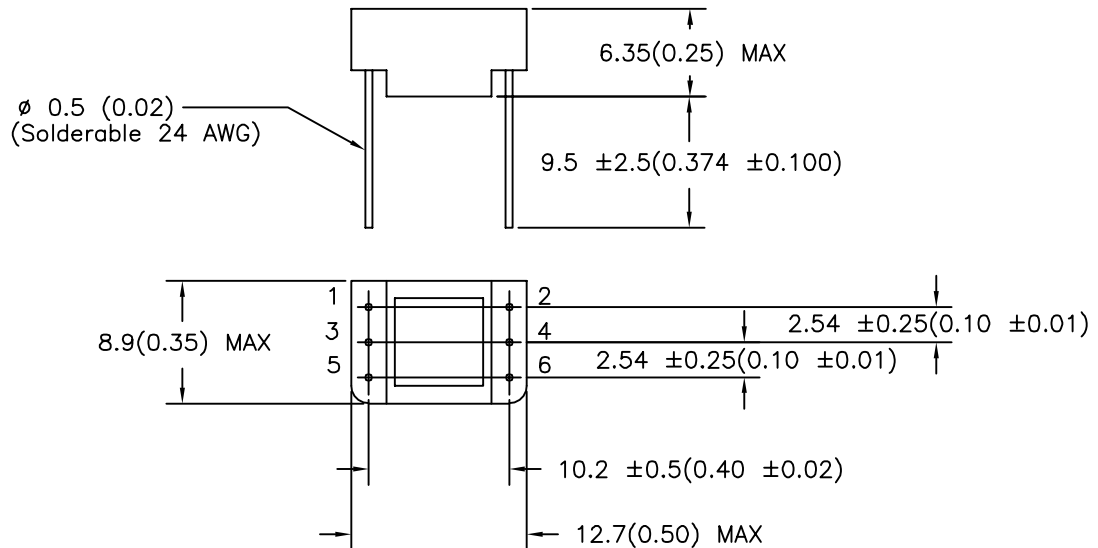
1. Turns ratio;  
 (1-5) : (6-2) = 2 CT : 1 CT ±5%
2. Primary open circuit inductance;  
 2.0mH MIN @ 10KHz, 20mV (1-5)
3. Primary ET-constant  
 10 V-μs MIN
4. Interwinding capacitance between primary and secondary;  
 30.0 PF MAX @ 100KHz
5. Primary leakage inductance with shorted secondary;  
 1.5 μH MAX @ 100KHz, 20mV (1-5)
6. DC Resistance;  
 Primary (1-5) 0.7Ω MAX  
 Secondary (6-2) 0.4Ω MAX
7. Dielectric strength;  
 1.5KVAC 1 minute
8. Insulation resistance;  
 10,000 MΩ MIN @ 500VDC

B. Marking;  
 TTC-297, date code and country of origin

C. Schematic diagram



D. Mechanical Specification



PREPARED BY:

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ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.  
 P-A1-12286  
 ACAD\TTC\A1122861.DWG

REV  
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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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