# Multi Purpose 6 Pin Single Transformers

OFFERED IN A WIDE RANGE OF INDUCTANCES AND RATIOS SUITED FOR A VARIETY OF APPLICATIONS

POPULAR "T6" PACKAGE

HIGH POTENTIAL TEST 500 Vrms min.

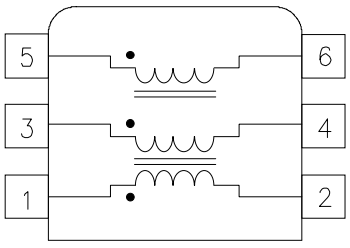
VARIATIONS IN ELECTRICAL PARAMETERS AND LEAD LENGTHS ARE AVAILABLE. FOR A FULL RANGE OF SCHEMATICS, SEE PAGE 7.

ELECTRICAL SPECIFICATIONS AT 25°C

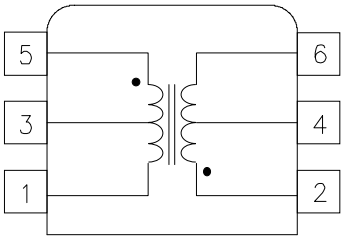
| PART NUMBER | TURNS RATIO (± 5%) | OCL (µH min.) | PRIMARY ET-CONST. (Vµsec min.) | RISETIME (ns max.) | PRI-SEC Cw/w (pf max.) | LEAKAGE INDUCTANCE (µH max.) | PRIMARY DCR (Ω max.) | SCHEM. STYLE |
|---|---|---|---|---|---|---|---|---|
| T-50100 | 1:1:1 | 5000 | 25.0 | 10.5 | 60 | 1.3 | 3.9 | A |
| T-50101 | 1:1:1 | 2000 | 16.0 | 8.2 | 37 | 0.8 | 2.5 | A |
| T-50102 | 1:1:1 | 500 | 8.5 | 5.3 | 32 | 0.4 | 1.3 | A |
| T-50103 | 1:1:1 | 200 | 5.0 | 4.2 | 18 | 0.3 | 0.9 | A |
| T-50104 | 1:1:1 | 50 | 5.2 | 5.6 | 18 | 0.5 | 1.3 | A |
| T-50105 | 1:1:1 | 20 | 3.2 | 4.1 | 21 | 0.4 | 0.9 | A |
| T-50106 | 1:1:1 | 10 | 3.7 | 5.1 | 22 | 0.5 | 0.9 | A |
| T-50109 | 1CT:1CT | 5000 | 25.0 | 10.5 | 60 | 1.3 | 3.9 | G |
| T-50110 | 1CT:1CT | 2000 | 16.0 | 8.2 | 37 | 0.8 | 2.5 | G |
| T-50111 | 1CT:1CT | 500 | 8.5 | 5.3 | 32 | 0.4 | 1.3 | G |
| T-50112 | 1CT:1CT | 200 | 5.0 | 4.2 | 18 | 0.3 | 0.9 | G |
| T-50113 | 1CT:1CT | 50 | 5.2 | 5.6 | 18 | 0.5 | 1.3 | G |
| T-50114 | 1CT:1CT | 20 | 3.2 | 4.1 | 21 | 0.4 | 0.9 | G |
| T-50115 | 1CT:1CT | 10 | 3.7 | 5.1 | 22 | 0.5 | 0.9 | G |
| T-50117 | 2CT:1CT | 5000 | 25.0 | 10.5 | 60 | 1.3 | 3.9 | G |
| T-50118 | 2CT:1CT | 2000 | 16.0 | 11.0 | 19 | 1.8 | 2.5 | G |
| T-50119 | 2CT:1CT | 500 | 8.5 | 5.6 | 12 | 1.2 | 1.4 | G |
| T-50120 | 2CT:1CT | 200 | 5.0 | 3.2 | 8 | 0.8 | 0.9 | G |
| T-50121 | 2CT:1CT | 50 | 5.2 | 5.2 | 12 | 1.3 | 1.3 | G |
| T-50122 | 2CT:1CT | 20 | 5.8 | 7.5 | 12 | 1.5 | 1.3 | G |
| T-50123 | 2CT:1CT | 10 | 3.7 | 4.5 | 9 | 1.5 | 0.9 | G |

## SCHEMATICS

Style A

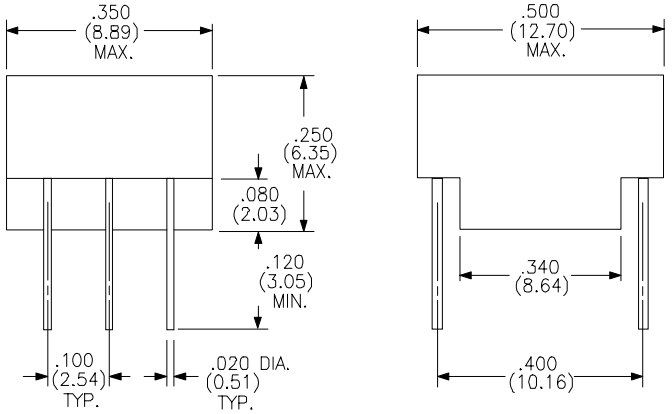



Style G




**"T6" PACKAGE**

Dimensions in inches (mm)






Rhombus Industries Inc.
www.rhombus-ind.com
15801 Chemical Lane, Huntington Beach, CA 92649-1595
Tel: (714) 898-0960 • Fax: (714) 896-0971