

Turns Ratio (  $\pm 5\%$  )

2:1:1

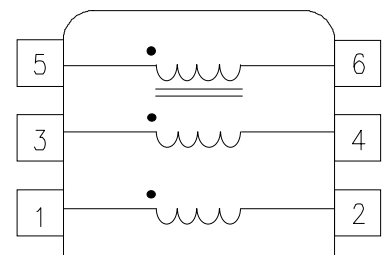
| PARAMETER                                                                                                                           | MIN. | MAX.      | UNITS                   |
|-------------------------------------------------------------------------------------------------------------------------------------|------|-----------|-------------------------|
| Open Circuit Inductance                                                                                                             | 200  |           | $\mu\text{Hy}$          |
| Leakage Inductance                                                                                                                  |      | 0.8       | $\mu\text{Hy}$          |
| Interwinding Capacitance ( $C_{\text{WW}}$ )                                                                                        |      | 8         | pF                      |
| Primary DC Resistance                                                                                                               |      | 0.9       | ohms                    |
| Secondary DC Resistance                                                                                                             |      | 0.5 & 0.5 | ohms                    |
| Primary ET-Constant                                                                                                                 | 5    |           | $\text{V}\mu\text{s}$   |
| Rise Time                                                                                                                           |      | 3.2       | nS                      |
| Isolation (HI-POT)                                                                                                                  | 500  |           | $\text{V}_{\text{RMS}}$ |
| Average Power Rating 500 mW<br>Dissipation Rating 150 mW<br>Peak Pulse Voltage 100 volts<br>Insulation Resistance 10,000 M $\Omega$ |      |           |                         |
| <b>TEST CONDITIONS:</b><br>Oscillation Voltage = 20mV<br>Oscillation Frequency = 100.0 KHz TESTED WITH AN H.P. 4192A                |      |           |                         |

# MULTI-PURPOSE PULSE TRANSFORMER

Flammability: Materials used in the production of these units meet requirements of UL94-VO and IEC 695-2-2 needle flame test.

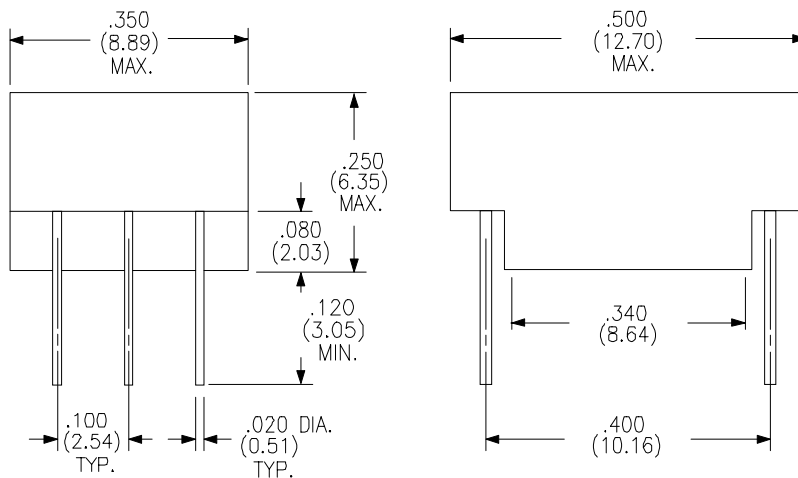
Parts shipped in anti-static tubes. 50 pieces per tube

## SCHEMATIC DIAGRAM



## PHYSICAL DIMENSIONS

All dimensions in inches (mm)

RHOMBUS P/N: **T-50134**

CUST P/N:

NAME:

DATE: 07/02/98

SHEET: 1 OF 1