

# PULSE TRANSFORMER

## Designed for use with Maxim "MAX250"

Turns Ratio ( ± 5% )	1CT : 1
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Parameter	Min.	Max.	Units
Open Circuit Inductance Oscillation Voltage = 20mV Oscillation Frequency = 100.0 KHz	1.0	2.5	mH
Leakage Inductance Oscillation Level = 20mV Oscillation Frequency = 100.0 KHz		30	μH
Interwinding Capacitance (C <sub>WW</sub> ) Oscillation Frequency = 100.0 KHz		100	pF
Primary DC Resistance		2.0	ohms
Secondary DC Resistance		2.0	ohms
Isolation (HI-POT)	2000		V <sub>RMS</sub>
ET	50		VμS

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

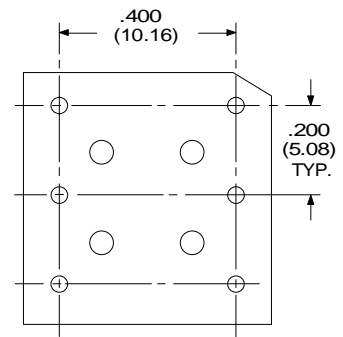
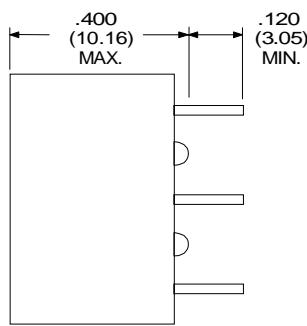
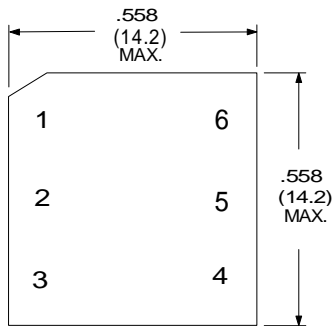
Parts shipped in anti-static tubes. 31 pieces per tube

Surface mount version of this part available. Part# T-1378G

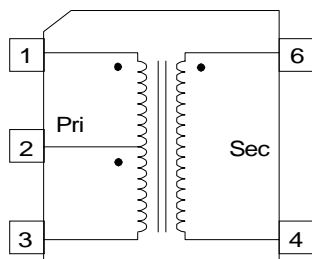
Primary measured Pins 1-3.

Physical Dimensions in inches (mm)

Note: Unused Pins Omitted



Schematic



Primary Pins 1 - 3

Leads are #22 AWG Solderable

RHOMBUS P/N: <b>T-1378</b>	
CUST P/N:	NAME:
DATE: <b>11/15/00</b>	SHEET: 1 OF 1