

DC DC Converter Transformer

(For Use with Maxim MAX253 & MAX845)

Turns Ratio (± 3%)	1CT : 1CT
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PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	768	1152	mHy
Leakage Inductance		0.7	μHy
Rise Time		10	nSec
DC Resistance		0.8	ohms
Isolation (HI-POT)	2.0		KV _{RMS}
ET Product	11		VμS
Interwinding Capacitance		35	pF

TEST CONDITIONS: Oscillation Voltage = 100mV, Oscillation Frequency = 100.0 KHz
 Primary pins 1-4, short 2&3

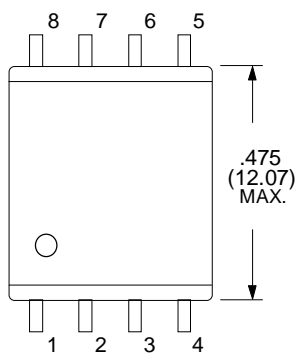
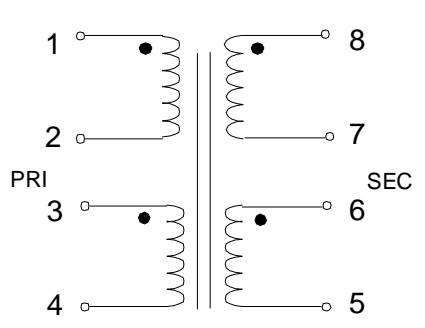
Flammability: Materials used in the production of these units meet requirements of UL94-VO and IEC 695-2-2 needle flame test.

Operating Temperature Range: -40°C to +85°C

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

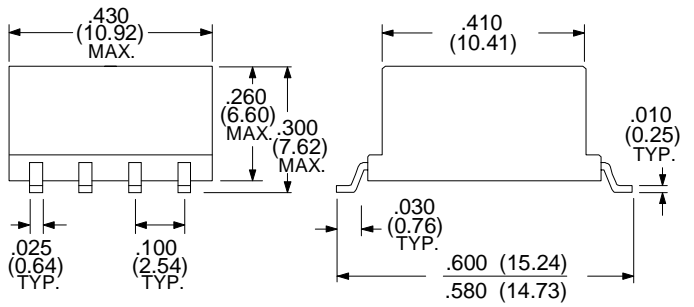
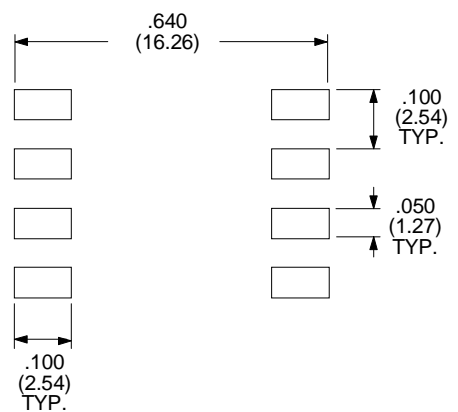
Tape & Reel Available

SCHEMATIC DIAGRAM



Dimensions in Inches (mm)

SUGGESTED PAD LAYOUT



RHOMBUS INDUSTRIES INC.

FSCM NO. 16714

RHOMBUS P/N: T-1484	
CUST P/N:	NAME:
DATE: 02/28/02	SHEET: 1 OF 1