

# Common Mode Inductors

## SEMI-POTTED VERTICAL STYLE

PARAMETER	MIN.	TYP.	MAX.	UNITS
Inductance @ 0.20 Vrms / 1 kHz	3.0		mH	
DCR Max. of each Winding			60	mΩ
Current			3.5	A
Leakage Inductance		56		μH
Dielectric Strength	1250			Vrms
Creepage Between Windings	3.0			mm

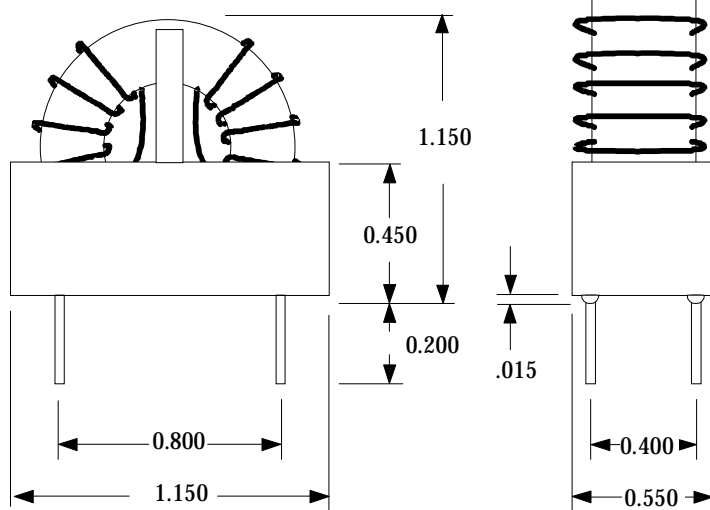
Single Layer Windings with Spacers specially designed by Rhombus Industries to provide 3mm Creepage and Clearance for International Safety Compliance.

*Operating Temperature:* These parts are made with materials rated for 130°C minimum, and these components can be safely operated up to 130°C. \*

Designed to prevent noise emission in switching power supplies at input. Windings balanced to 1% Isolation 1250 VRMS Materials used in the construction of these parts are UL 94 VO and are rated at 130° C or better

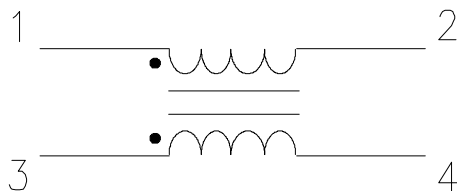
\* AMBIENT + TEMPERATURE RISE. In addition, inductance will be effected by an increase in temperature. Typically:

20% increase to 50°C  
40% increase to 100°C  
65% increase to 130°C



Physical Dimensions - inches

Schematic Diagram



RHOMBUS P/N: **L-252**

CUST P/N:

NAME:

DATE: **3/06/96**

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