Common Mode
EMI Suppression Inductor

Designed to prevent noise emission in switching power supplies at input.

Windings balanced to 1%

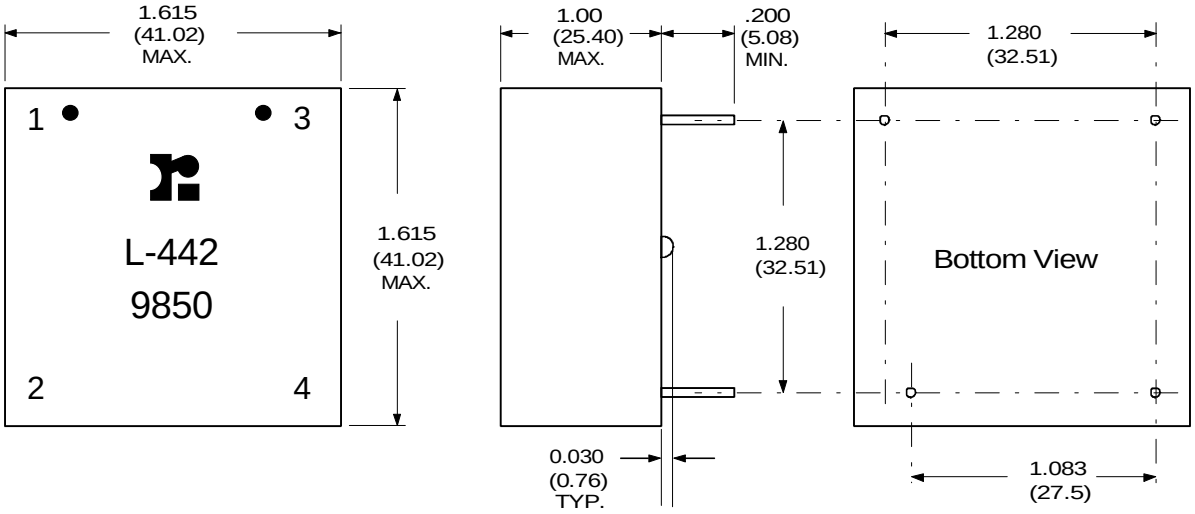
Isolation 1250 VRMS

Materials used in the construction of these parts are UL 94 VO and are rated at 130° C or better

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

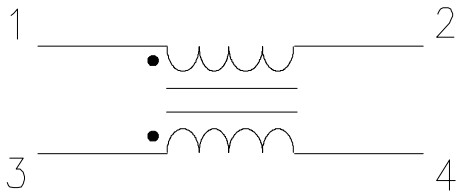
PARAMETER	MIN.	TYP.	MAX.	UNITS
Inductance @ 0.20 Vrms / 1 kHz		140		µH
DCR of each Winding		1.3		mΩ
RMS rated Current for 40°C rise.			30	A
Leakage Inductance		1.8		µH
Dielectric Strength	1250			Vrms
Creepage Between Windings	3.0			mm

Physical Dimensions - inches (mm)



LEAD #11 (AWG)

Schematic Diagram



RHOMBUS P/N: L-442	
CUST P/N:	NAME:
DATE: 4/5/00	SHEET: 1 OF 1

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