Common Mode Inductor
For DC/DC Power supply

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	2.19		3.28	mH
DCR Max. of each Winding		6.8		mΩ
RMS rated Current for 40°C rise.			30	A
Leakage Inductance		39		µH
Dielectric Strength	1250			Vrms
Creepage Between Windings	3.0			mm

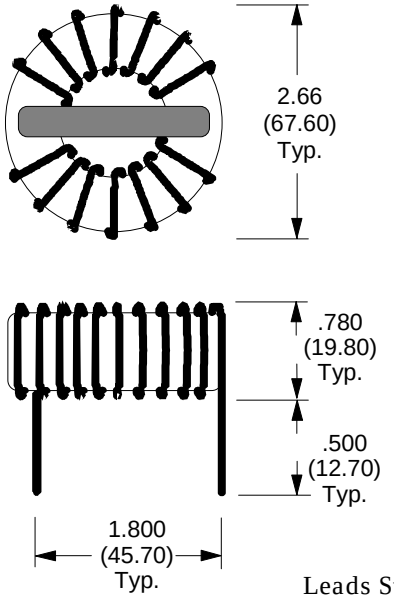
DO NOT EXCEED RATED RMS CURRENT.

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

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

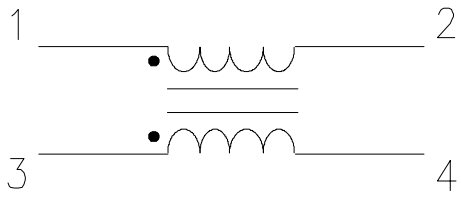
20% increase to 50°C
40% increase to 100°C
65% increase to 130°C

Physical Dimensions - inches (mm)



Leads Stripped to within 0.062 (1.58) of the coil.

Schematic Diagram



LEADS ARE #12 AWG
Lead Diameter .080(2.03)

RHOMBUS P/N: **L-668**	
CUST P/N:	NAME:
DATE: **01/08/01**	SHEET: 1 OF 1

Rhombus Industries Inc.
Transformers & Magnetic Products

15801 Chemical Lane, Huntington Beach, CA 92649
Phone: (714) 898-0960
FAX: (714) 896-0971

www.rhombus-ind.com