

# 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.

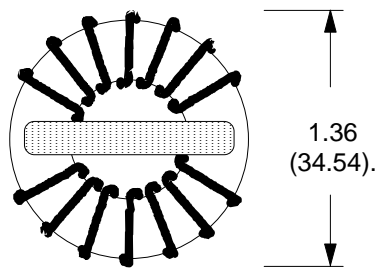
PARAMETER	MIN.	MAX.	UNITS
Inductance @ 0.20 Vrms / 1 kHz	1.29	2.40	mH
DCR Max. of each Winding		7.0	mΩ
RMS rated Current for 40°C rise.		20	A
Leakage Inductance		12	μH
Dielectric Strength	1250		Vrms
Creepage Between Windings	3.0		mm

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

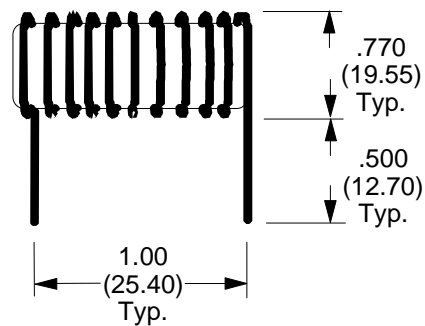
\* AMBIENT + TEMPERATURE RISE. In addition, inductance will be effected by an increase in temperature. Typically:

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

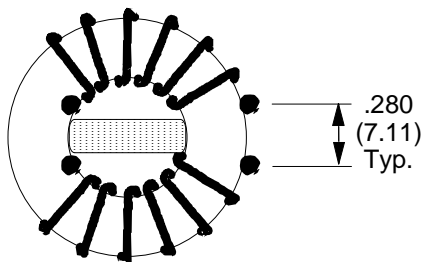
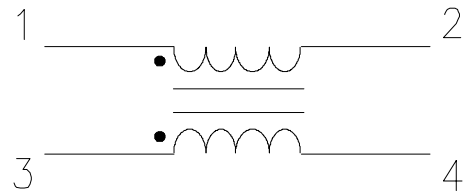
DO NOT EXCEED RATED RMS CURRENT.



Physical Dimensions - inches (mm)



Schematic Diagram



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

LEADS ARE #14 AWG  
Lead Diameter .0641(1.62)

RHOMBUS P/N: **L-487**

CUST P/N:

NAME:

DATE: **01/08/01**

SHEET: 1 OF 1