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.

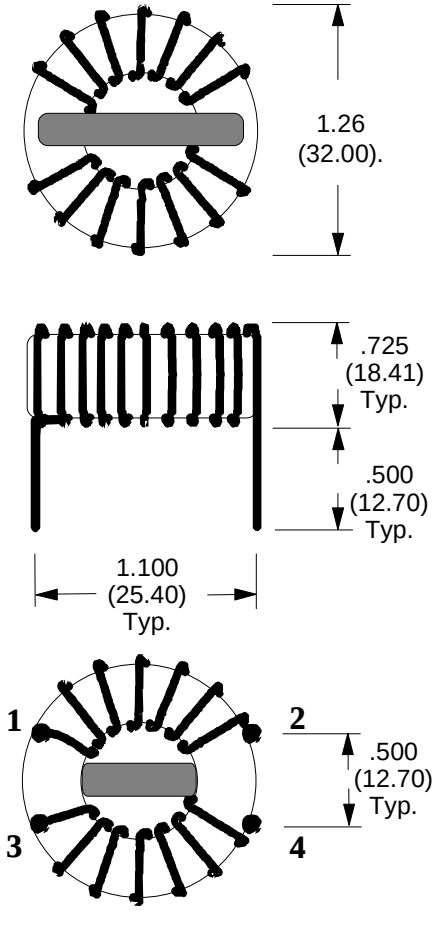
Operating Temperature: These parts are made with materials rated for 130°C minimum, and these components can be safely operated up to 130°C. *

* 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

PARAMETER	MIN.	MAX.	UNITS
Inductance @ 0.20 Vrms / 1 kHz	1.30	1.98	mH
DCR Max. of each Winding		12	mΩ
RMS rated Current for 40°C rise.		10	A
Leakage Inductance		24	µH
Dielectric Strength	1250		Vrms
Creepage Between Windings	3.0		mm

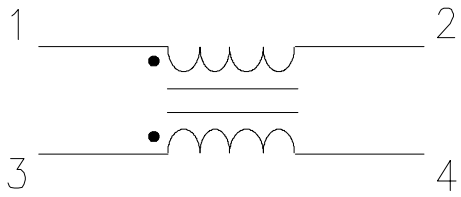
DO NOT EXCEED RATED RMS CURRENT.



Physical Dimensions - inches (mm)

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

Schematic Diagram



LEADS ARE #16 AWG
Lead Diameter .0508(1.29)

RHOMBUS P/N: **L-521**	
CUST P/N:	NAME:
DATE: **9/23/99**	SHEET: 1 OF 1

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