Common Mode Inductor For DC/DC Power supply

PARAMETER	MIN.	TYP.	MAX.	UNITS
Inductance @ 0.20 Vrms / 1 kHz	5.00	6.16	7.40	mH
DCR Max. of each Winding		20		mΩ
RMS rated Current for 40°C rise.			15	A
Leakage Inductance		74		μН
Dielectric Strength	1250			Vrms
Creepage Between Windings	3.0			mm

DO NOT EXCEED RATED RMS CURRENT.

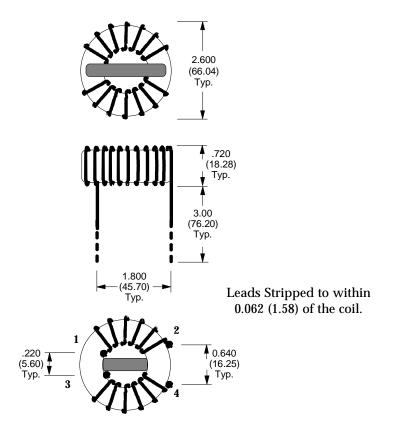
Physical Dimensions - inches (mm)

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

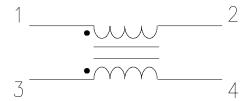
Operating Temperature: These parts are made with materials rated for 130°C minimum, and these components can be safely operated up to 130°C. *

* 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



Schematic Diagram



LEADS ARE #15 AWG Lead Diameter .057(1.44)

 RHOMBUS P/N: L-694

 CUST P/N:
 NAME:

 DATE:
 4/26/01
 SHEET:
 1 OF 1



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