

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 | 1.58 | | 2.37 | mH |
| DCR Max. of each Winding | | 4.6 | | mΩ |
| RMS rated Current for 40°C rise. | | | 40 | A |
| Leakage Inductance | | 28 | | μH |
| Dielectric Strength | 1250 | | | Vrms |
| Creepage Between Windings | 3.0 | | | mm |

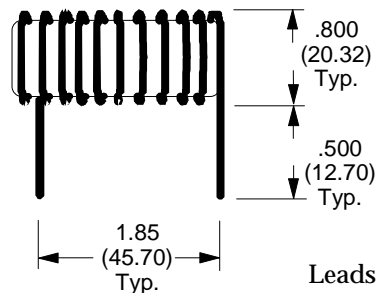
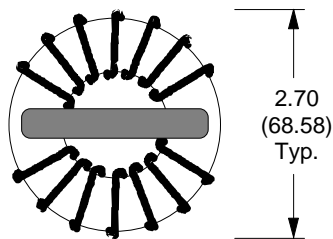
Operating Temperature: These parts are made with materials rated for 130°C minimum, and these components can be safely operated up to 130°C. *

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

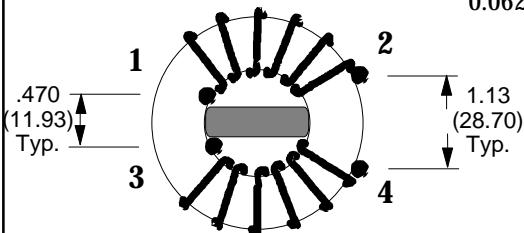
20% increase to 50°C
40% increase to 100°C
65% increase to 130°C

DO NOT EXCEED RATED RMS CURRENT.

Physical Dimensions - inches (mm)

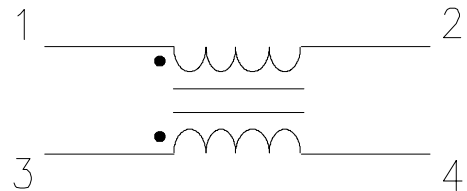


Leads Stripped to within 0.062 (1.58) of the coil.



LEADS ARE #11 AWG
Lead Diameter .090(2.28)

Schematic Diagram



RHOMBUS P/N: **L-669**

CUST P/N:

NAME:

DATE: **01/08/01**

SHEET: 1 OF 1