

POWER INDUCTORS

Sendust Material (AL & Si Fe)

Well Suited for Switch Mode Power Supplies and Regulator Applications.

Varnish Finish Optional by adding a "V" suffix to the part number .

Core Loss @50kHz	Core Loss @100kHz	Core Loss @300kHz
5657	16000	83138

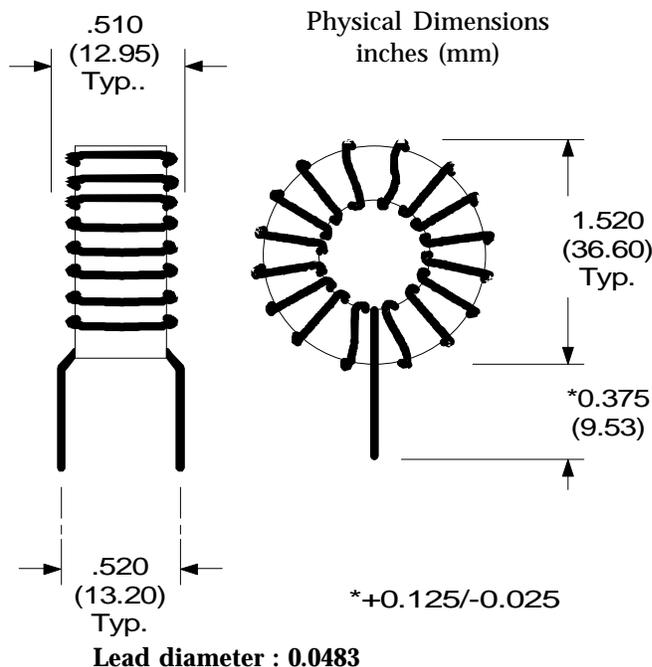
Core Loss in mW/cm³ @4000Gauss

Core Loss Data is provided for comparison with other listed inductor materials and is for reference only.

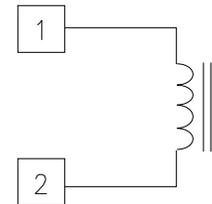
Electrical Specifications at 25°C

Part Number	L ⁽¹⁾ (μH) Typ.	IDC ⁽²⁾ 20% Amps	IDC ⁽³⁾ 50% Amps	I ⁽⁴⁾ max. Amps	DCR Max (mΩ)	Lead Size AWG
L-14725	108.4	6.50	14.62	9.70	45	17

- 1) Typical Inductance with no DC. Tolerance of ±10%
- 2) Current which will produce a 20% reduction in L.
- 3) Current which will produce a 50% reduction in L.
- 4) Maximum DC current. This value is for a 40°C temperature rise due to copper loss. with AC flux density kept to 10 gauss or less. (This typically represents a current ripple of less than 1%).



Schematic Diagram



RHOMBUS P/N: L-14725

CUST P/N:

NAME:

DATE: 2/14/00

SHEET: 1 OF 1