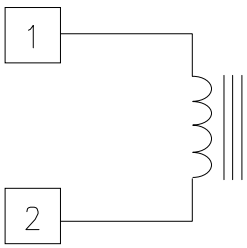
# Through hole Self-Leaded Inductor
# 150 kHz

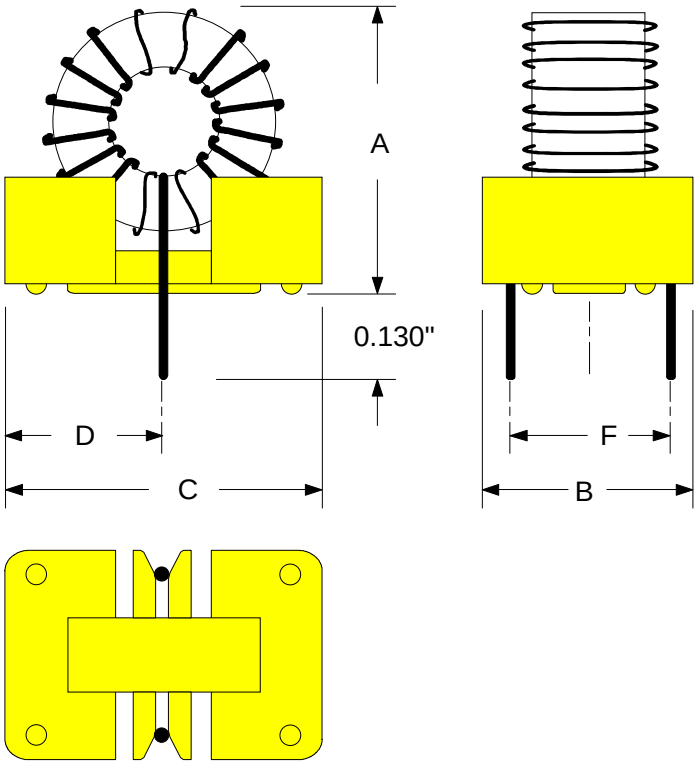
Electrical Specifications at 25°C. Operating Temp. Range: -30°C to +130°C

| Part Number | L (1) with DC ( µH ) | $I_{DC}$ (1) (Amps) | E-T (1) Product ( V-µs ) | DCR max. (Ω) |
|---|---|---|---|---|
| L-20585 | 167 | 2.5 | 75.9 | 0.14 |

1) Typical values for a 55°C Temperature rise at 150 kHz and E-T value above, the core loss is 10 % of copper loss.

Schematic Diagram




Physical Dimensions
inches (mm)

| | Min. | Typ. | Max. |
|---|---|---|---|
| A | | .95 (24.1) | |
| B | .590 (14.99) | | .610 (15.49) |
| C | | .950 (24.1) | |
| D | | .475 (12.07) | |
| F | | .450 (11.43) | |

| | |
|---|---|
| RHOMBUS P/N: L-20585 | |
| CUST P/N: | NAME: |
| DATE: 7/30/96 | SHEET: 1 OF 1 |


**Rhombus Industries Inc.**
*Transformers & Magnetic Products*

15801 Chemical Lane, Huntington Beach, CA 92649
Phone: (714) 898-0960
FAX: (714) 896-0971

www.rhombus-ind.com