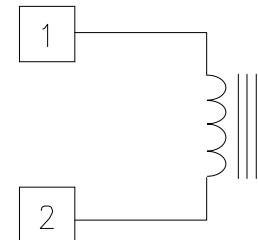


50 KHz SMPS Inductor - Toroid Mount Package

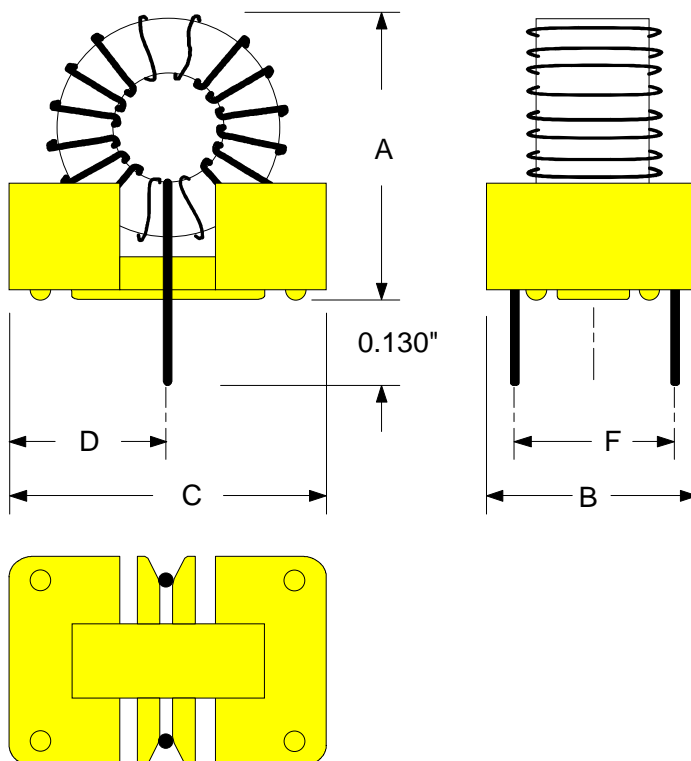
Electrical Specifications at 25°C

| Parameter | Min. | Typ. | Max. | Units |
|--|-------|-------|-------|--------|
| Inductance (No DC) tested at 10mV _{RMS} @ 20 kHz (0 ADC) | 213.6 | | 320.4 | μH |
| Inductance with DC ⁽¹⁾ | | 330 | | μH |
| DCR | | | 0.18 | Ω |
| Energy Storage | | 133.7 | | μJ |
| Lead Diameter | | .020 | | inches |

Schematic Diagram



1) Typical value for Operating E-T Product of 90 V-μs and IDC = 0.9 Amps.



Physical Dimensions
inches (mm)

| | Min. | Typ. | Max. |
|---|--------------|--------------|--------------|
| A | | .85 (21.6) | |
| B | .440 (11.18) | | .460 (11.68) |
| C | .820 (20.83) | | .840 (21.34) |
| D | | .625 (15.88) | |
| E | .110 (2.79) | | |
| F | | .500 (12.70) | |

RHOMBUS P/N: L-20507

CUST P/N:

NAME:

DATE: 7/29/96

SHEET: 1 OF 1