# Surface Mount Inductor

Toroid Mount meets UL94VO

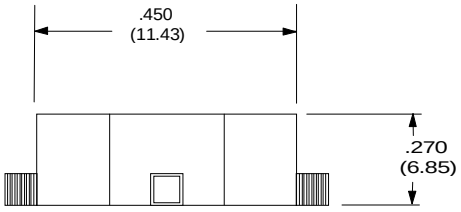
Designed for IR and Vapor Phase Reflow

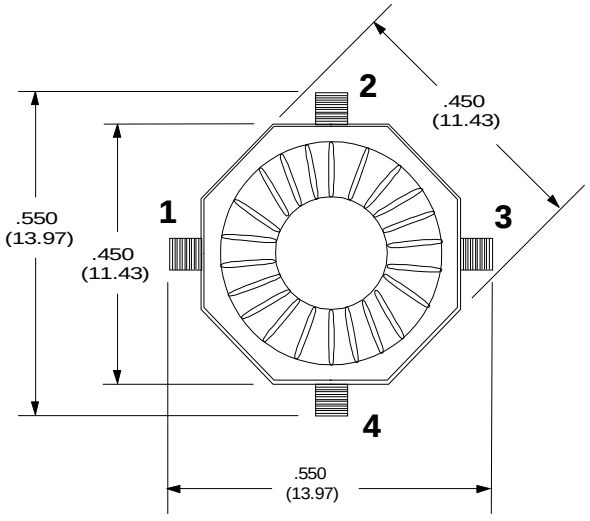
The Inductor is a dual winding and can be used as a dual inductor, single inductor, or a transformer. Single inductors can be wired in series for high inductance values or wired in parallel for less inductance but twice the current capacity. As a 1:1 transformer, it can provide a minimum of 500 volts isolation with good frequency response.

Electrical Specifications at 25° C

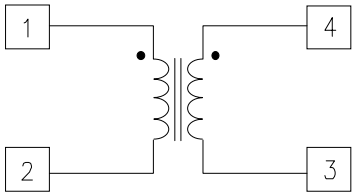
| | --- Parallel Ratings --- | | | --- Series Ratings --- | | |
|---|---|---|---|---|---|---|
| Part Number | L ( µH ) | DCR ( Ω ) | I ADC | L ( µH ) | DCR ( Ω ) | I ADC |
| L-15718 | 50 | .090 | 1.350 | 200 | .360 | .675 |

All dimensions in inches (mm):




Schematic Diagram




For series operation
Connect 2 & 4

For parallel operation
Connect 1 & 4 and 2 & 3

| | |
|---|---|
| RHOMBUS P/N: L-15718 | |
| CUST P/N: | NAME: |
| DATE: 3/20/00 | SHEET: 1 OF 1 |


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