

**NEW!**

# Self Leaded Power Inductors – HCT Series



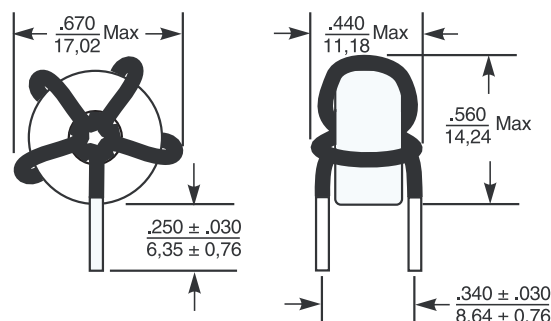
This low cost toroidal inductor is designed for high current, low voltage applications, particularly the latest generation of low voltage microprocessors.

The toroid core offers compact size with minimal external magnetic fields.

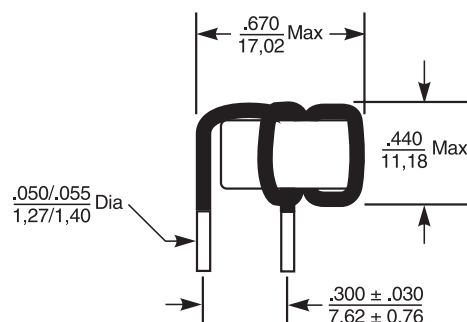
This part can be provided in either vertical or horizontal mounting style. Custom versions can be readily obtained in addition to the standard parts shown

For free evaluation samples, please contact Coilcraft.

## Dimensions - Vertical Style



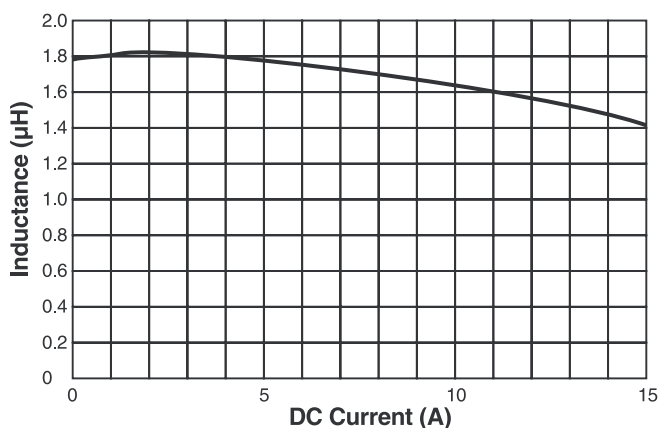
## Dimensions - Horizontal Style



Part number	Mounting style	Inductance (μH) ±10%	DCR max (Ohms)	I sat <sup>2</sup> (A)	Current max <sup>3</sup> (A)
HCT-1-152-15	Vertical	1.5	.0021	15	15
HCT-2-152-15	Horizontal	1.5	.0021	15	15

1. Inductance tested at 0.1 Vrms, 100 kHz, with DC bias applied to the rated current.
2. Inductance drop = 10% typ. at Isat
3. ΔT = 40° C rise typ. at the rated current.
4. Operating temperature -40° C to +85° C.
5. Specifications at 25° C.

## L vs Current



# Coilcraft

Specifications subject to change without notice. Document 206 Revised 2/6/99

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