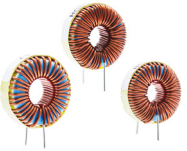
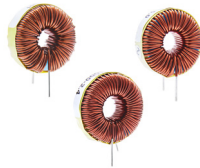
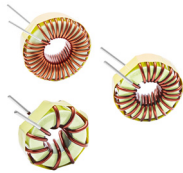
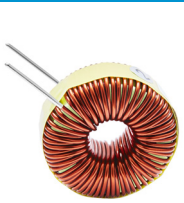


Worldwide Presence
Engineering Expertise
Leading Edge Technology
Our Commitment to Quality



High Current Toroidal Inductors At-A-Glance

Your one source for wire wound
magnetic solutions

24 Different Models

Broad Inductance and Current Ranges

Vertical Mount With Self Leads

Horizontal Mount Versions Available

Custom Inductance Models Available

MEDICAL
Diagnostic
Surgical Equipment
Patient Monitoring
Surgical Generators
In-Home Dialysis
Blood Analyzers

NETWORKING
Data Center Switching
Routers
Servers & Server I/O
Server Blades
40G Firewall
Patch Panels & Wiring
Closet

TELECOM / DATACOM
Set-Top Boxes
Printers
Plotters
Telephone Line
Switching PBX
Current Line Detection

CONSUMER
Projectors
LCD Televisions
Hand Held Devices
Desktop Computers

INDUSTRIAL
Material Handling
Process Control
Robotics
Elevators
Power Controllers
Power Supplies
Vending Machines

24 Different Models, Vertical Mount With Self Leads, Broad Inductance and Current Range, Scalable to Horizontal Mount, 2 or 4 or Pin Headers can be added, Custom Inductance Models Available

Specifications

- Operating Temperature Range: -55 °C to 105 °C, 30 °C Max T Rise
- Inductance Range: 10 μ H - 1000 μ H @ 0 ADC
- Rated Current Range: 2.4 A to 20.0 A
- Class B Insulation
- RoHS and REACH Compliant

Lead or Termination

- 1/2" Minimum Self Lead Length
- Tinned to 1/16" above Mounting Plane

Dimensions

- 1.28" Maximum Height
- 0.65" Maximum Width

Where Used

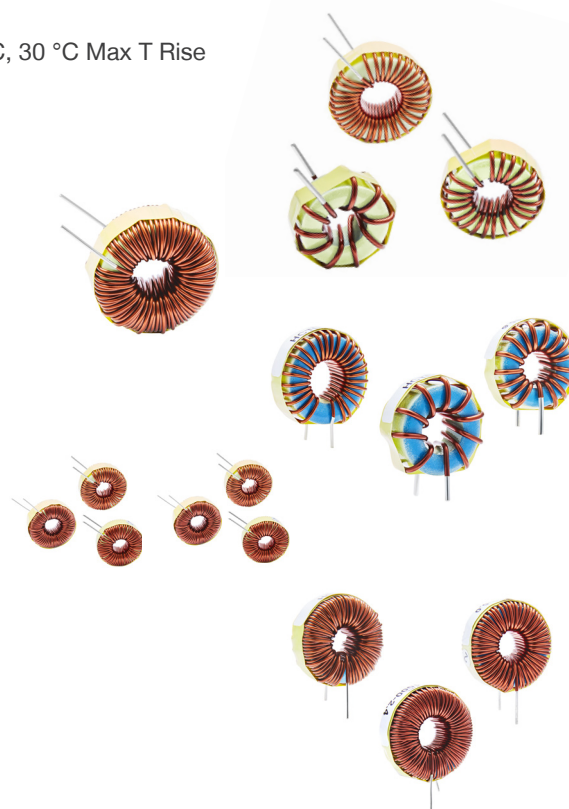
- Consumer Products
- PC Boards for Controls and Power Supplies
- Various Industrial and Medical Applications

How Used in Circuitry

- EMI/RFI Filter
- Energy Storage Device, Choke Inductor

Features

- High Efficiency through Reduced Core Loss
- Low Magnetic Radiation from Self Shielding
- High Energy Storage with Distributed Air Gaps



Specifications Table

SIGNAL PART #	L (uh) = $\pm$ 15% @ 1 kHz	IDC (A)	L (uh) $\pm$ 15% @ I rated	DCR Ohm Max
HCTI-10-20.0	10	20.0	6.7	0.005
HCTI-12-19.1	12	19.1	7.8	0.005
HCTI-15-18.0	15	18.0	9.5	0.006
HCTI-18-17.2	18	17.2	11.1	0.006
HCTI-22-16.4	22	16.4	13.2	0.007
HCTI-27-15.6	27	15.6	15.7	0.008
HCTI-33-11.7	33	11.7	21.3	0.013
HCTI-39-11.2	39	11.2	24.7	0.014
HCTI-47-10.7	47	10.7	29.0	0.016
HCTI-56-10.2	56	10.2	33.7	0.017
HCTI-68-7.7	68	7.7	45.2	0.030
HCTI-100-7.0	100	7.0	63.1	0.037
HCTI-120-6.7	120	6.7	73.9	0.040
HCTI-150-5.0	150	5.0	101.4	0.071
HCTI-180-4.8	180	4.8	118.9	0.078
HCTI-220-5.8	220	5.8	123.8	0.054
HCTI-270-5.5	270	5.5	147.2	0.060
HCTI-330-5.2	330	5.2	174.1	0.067
HCTI-390-5.0	390	5.0	200.2	0.072
HCTI-470-3.8	470	3.8	271.4	0.130
HCTI-560-3.6	560	3.6	314.8	0.140
HCTI-680-3.4	680	3.4	370.7	0.150
HCTI-820-2.6	820	2.6	500.9	0.270
HCTI-1000-2.4	1000	2.4	593.6	0.300

