CTAHCF Series
From 5µH to 1,000µH

SPECIFICATIONS

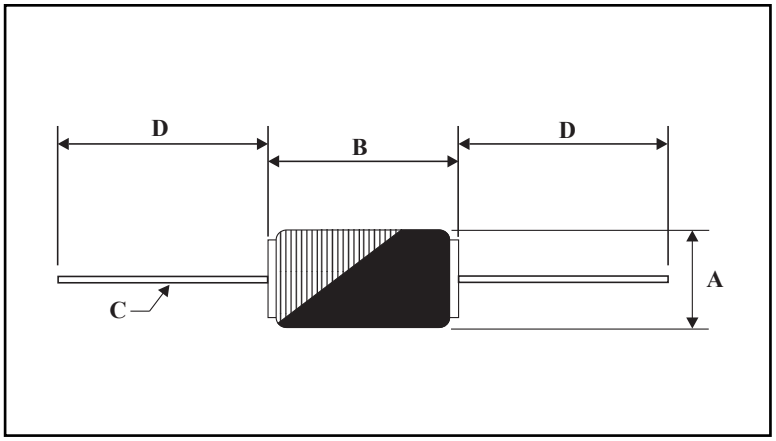
Part Number	Inductance (µH)	DCR Max. (Ω)	Rated Current (A)
CTAHCF-1-500K	50	0.120	2.5
CTAHCF-1-101K	100	0.180	2.1
CTAHCF-1-251K	250	0.260	1.8
CTAHCF-1-501K	500	0.420	1.6
CTAHCF-1-102K	1000	0.500	1.4
CTAHCF-2-270K	27	0.050	3.7
CTAHCF-2-500K	50	0.085	3.1
CTAHCF-2-101K	100	0.120	2.7
CTAHCF-2-251K	250	0.200	2.4
CTAHCF-2-501K	500	0.320	2.3
CTAHCF-3-5R0K	5	0.015	6.8
CTAHCF-3-100K	10	0.021	6.1
CTAHCF-3-270K	27	0.040	4.5
CTAHCF-3-500K	50	0.050	4.3
CTAHCF-3-101K	100	0.070	4.2
CTAHCF-5-5R0K	5	0.010	9.3
CTAHCF-5-100K	10	0.015	8.3
CTAHCF-5-270K	27	0.030	6.5
CTAHCF-5-500K	50	0.040	6.1
CTAHCF-5-101K	100	0.080	5.9

CHARACTERISTICS

Description: Axial leaded high current filter inductor
Applications: Noise filtering for switching regulators, power amplifiers, power supplies, SCR and triac control circuits
Operating Temperature: -55°C to 125°C
Inductance Tolerance: ±10%
Finish: Covered with shrink tube
Marking: Inductance and tolerance code
Packaging: Bulk pack
Miscellaneous: RoHS Compliant
Samples available. See website for ordering information.

PHYSICAL DIMENSIONS (Unit: inch)

Part Number	A Max.	B Max.	C ±0.002	D Nom.
CTAHCF-1-500K	0.475	0.800	0.032	1.50
CTAHCF-1-101K	0.475	0.800	0.032	1.50
CTAHCF-1-251K	0.475	1.050	0.032	1.50
CTAHCF-1-501K	0.550	1.050	0.032	1.50
CTAHCF-1-102K	0.560	1.175	0.032	1.50
CTAHCF-2-270K	0.500	0.800	0.032	1.50
CTAHCF-2-500K	0.500	0.800	0.032	1.50
CTAHCF-2-101K	0.500	0.920	0.032	1.50
CTAHCF-2-251K	0.600	0.920	0.032	1.50
CTAHCF-2-501K	0.750	1.050	0.032	1.50
CTAHCF-3-5R0K	0.475	0.800	0.032	1.50
CTAHCF-3-100K	0.475	0.920	0.032	1.50
CTAHCF-3-270K	0.550	0.800	0.032	1.50
CTAHCF-3-500K	0.550	0.920	0.032	1.50
CTAHCF-3-101K	0.550	1.175	0.032	1.50
CTAHCF-5-5R0K	0.475	1.050	0.040	1.50
CTAHCF-5-100K	0.475	1.050	0.040	1.50
CTAHCF-5-270K	0.700	1.050	0.040	1.50
CTAHCF-5-500K	0.700	1.050	0.040	1.50
CTAHCF-5-101K	0.700	1.300	0.040	1.50



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