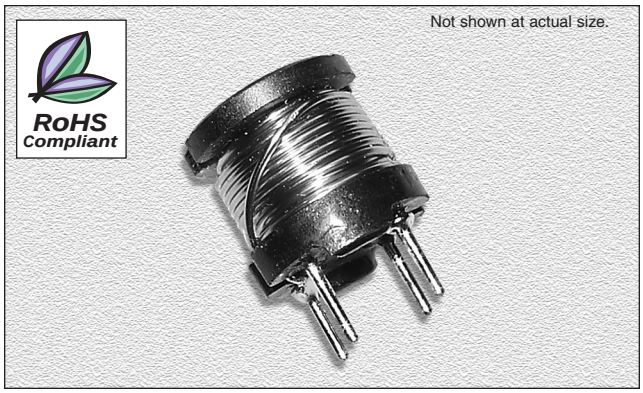
CTCH110F Series

From 10 µH to 1,000 µH



CHARACTERISTICS

Description: Radial leaded fixed inductor
Applications: Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications
Inductance Tolerance: ±10% & ±20%
Testing: Tested on a HP4285A or HP4284A at specified frequency
Packaging: Bulk packaging
Rated Current: The rated D.C. current indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current when at Δt=40°C whichever is lower. (Ta=20°C)
Miscellaneous: RoHS Compliant
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

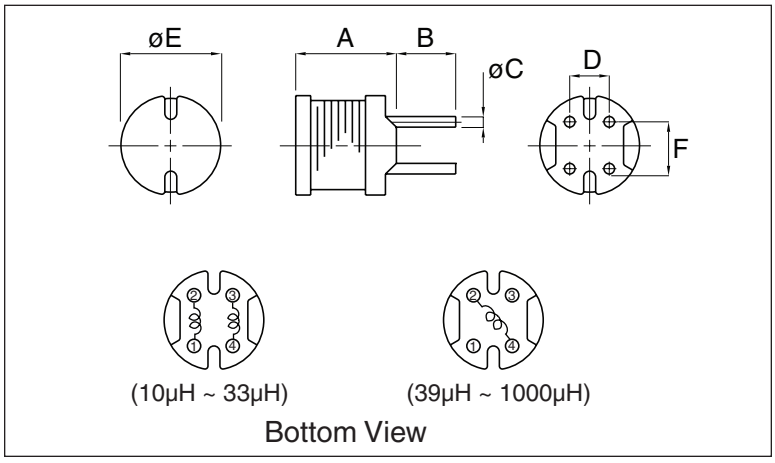
SPECIFICATIONS

Parts numbers indicate available inductance tolerance.
K = ±10%, M = ±20%

Part Number	Inductance (µH)	Test Freq. (_Hz)	DCR Max. (Ω)	Rated DC (A)
CTCH110F-100M	10	2.52M	0.022	5.30
CTCH110F-120M	12	2.52M	0.023	4.90
CTCH110F-150M	15	2.52M	0.026	4.40
CTCH110F-180M	18	2.52M	0.033	4.00
CTCH110F-220M	22	2.52M	0.037	3.60
CTCH110F-270M	27	2.52M	0.048	3.30
CTCH110F-330M	33	2.52M	0.055	2.90
CTCH110F-390M	39	2.52M	0.073	2.70
CTCH110F-470M	47	2.52M	0.083	2.50
CTCH110F-560M	56	2.52M	0.092	2.30
CTCH110F-680M	68	2.52M	0.120	2.10
CTCH110F-820M	82	2.52M	0.140	1.90
CTCH110F-101K	100	1.00k	0.160	1.70
CTCH110F-121K	120	1.00k	0.200	1.50
CTCH110F-151K	150	1.00k	0.230	1.40
CTCH110F-181K	180	1.00k	0.310	1.30
CTCH110F-221K	220	1.00k	0.340	1.10
CTCH110F-271K	270	1.00k	0.400	1.00
CTCH110F-331K	330	1.00k	0.520	0.93
CTCH110F-391K	390	1.00k	0.650	0.86
CTCH110F-471K	470	1.00k	0.710	0.78
CTCH110F-561K	560	1.00k	1.000	0.71
CTCH110F-681K	680	1.00k	1.100	0.65
CTCH110F-821K	820	1.00k	1.300	0.59
CTCH110F-102K	1000	1.00k	1.700	0.53

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F
mm	10.0±0.5	3.5±1.0	0.7+0.1,-0.05	4.0±0.3	10.0±0.53	5.0±0.3
inches	0.4±0.02	0.14±0.04	0.027+0.004,-0.002	0.16±0.02	0.4±0.021	0.2±0.02



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