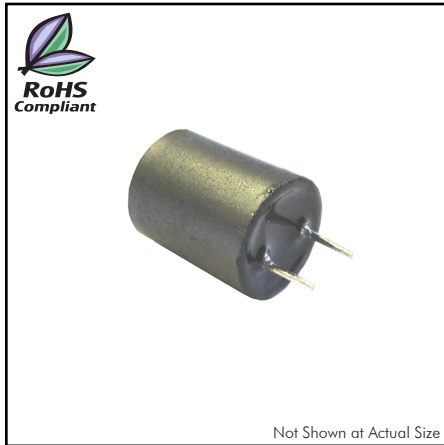


CT7503CYF Series From 4.3 μ H to 1,000 μ H



CHARACTERISTICS

Description: Radial leaded (shielded) fixed inductor
Applications: Ideal for use as choke coil for high current DC circuits in all types of electronic instruments
Operating Temperature: -40°C to +85°C
Rated Current: Rated DC current is that which cause a 30% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C)
Testing: Inductance is tested on an HP4284A at 1kHz
Shielding: Ferrite shield
Marking: Inductance code
Packaging: Bulk
Miscellaneous: RoHS Compliant
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

SPECIFICATIONS

Parts are available in $\pm 20\%$ inductance tolerance only

Part Number	Inductance (μ H)	DCR Max. (Ω)	Rated DC Max. (A)
CT7503CYF-4R3M	4.3	0.021	4.60
CT7503CYF-6R8M	6.8	0.024	3.60
CT7503CYF-100M	10	0.030	3.46
CT7503CYF-150M	15	0.038	2.57
CT7503CYF-180M	18	0.042	2.37
CT7503CYF-220M	22	0.045	2.21
CT7503CYF-270M	27	0.054	1.95
CT7503CYF-330M	33	0.057	1.83
CT7503CYF-390M	39	0.082	1.62
CT7503CYF-470M	47	0.090	1.60
CT7503CYF-560M	56	0.095	1.40
CT7503CYF-680M	68	0.150	1.36
CT7503CYF-820M	82	0.153	1.16
CT7503CYF-101M	100	0.210	1.10
CT7503CYF-121M	120	0.221	0.95
CT7503CYF-151M	150	0.242	0.86
CT7503CYF-181M	180	0.273	0.76
CT7503CYF-221M	220	0.360	0.74
CT7503CYF-271M	270	0.380	0.63
CT7503CYF-331M	330	0.430	0.57
CT7503CYF-391M	390	0.600	0.51
CT7503CYF-471M	470	0.810	0.48
CT7503CYF-561M	560	0.891	0.43
CT7503CYF-681M	680	0.952	0.39
CT7503CYF-821M	820	1.280	0.38
CT7503CYF-102M	1000	1.600	0.33

PHYSICAL DIMENSIONS

Size	A	B	C	D	E
	Max.	Max.			
mm	11.0	13.5	5.0 $\pm$ 1.0	5.0 $\pm$ 0.50	0.65 $\pm$ 0.1
inches	0.43	0.53	0.20 $\pm$ 0.04	0.20 $\pm$ 0.02	0.03 $\pm$ 0.004