

CTFCF Series

From 1.0 μ H to 10,000 μ H



SPECIFICATIONS

Part Number	Inductance (μ H)	Q Factor Min.	DCR Max. (Ω)	Test Freq. (MHz)	Rated DC Max. (A)
CTFCF-1R0K	1.0	85	.01	7.9	7.0
CTFCF-1R2K	1.2	39	.01	7.9	6.0
CTFCF-1R5K	1.5	33	.01	7.9	5.0
CTFCF-1R8K	1.8	37	.02	7.9	4.8
CTFCF-2R2K	2.2	38	.02	7.9	4.4
CTFCF-2R5K	2.5	40	.03	7.9	4.1
CTFCF-2R7K	2.7	43	.03	7.9	4.0
CTFCF-3R3K	3.3	35	.03	7.9	3.7
CTFCF-3R9K	3.9	37	.05	7.9	3.4
CTFCF-4R7K	4.7	37	.05	7.9	3.2
CTFCF-5R0K	5.0	40	.08	7.9	2.9
CTFCF-5R6K	5.6	38	.09	7.9	2.8
CTFCF-6R8K	6.8	29	.11	7.9	2.6
CTFCF-7R6K	7.3	30	.11	7.9	2.5
CTFCF-8R2K	8.2	32	.11	7.9	2.2
CTFCF-100K	10	80	.19	7.9	2.1
CTFCF-120K	12	40	.14	2.5	2.0
CTFCF-150K	15	40	.16	2.5	1.6
CTFCF-180K	18	40	.18	2.5	1.6
CTFCF-220K	22	40	.23	2.5	1.4
CTFCF-250K	25	50	.50	2.5	1.3
CTFCF-270K	27	50	.28	2.5	1.3
CTFCF-330K	33	45	.34	2.5	1.2
CTFCF-390K	39	45	.37	2.5	1.1
CTFCF-470K	47	45	.50	2.5	1.0
CTFCF-500K	50	40	1.1	2.5	1.0
CTFCF-560K	56	40	.69	2.5	.95
CTFCF-680K	68	40	.81	2.5	.90
CTFCF-750K	75	40	1.2	2.5	.86
CTFCF-820K	82	50	1.2	2.5	.86
CTFCF-101K	100	80	1.6	.79	.70
CTFCF-121K	120	70	1.7	.79	.65
CTFCF-151K	150	70	1.8	.79	.60
CTFCF-181K	180	70	2.1	.79	.58
CTFCF-221K	220	50	2.1	.79	.49
CTFCF-251K	250	40	2.7	.79	.49
CTFCF-271K	270	50	2.5	.79	.45
CTFCF-331K	330	50	3.3	.79	.41
CTFCF-391K	390	45	3.4	.79	.39
CTFCF-471K	470	40	5.3	.79	.35
CTFCF-501K	500	35	3.3	.79	.34
CTFCF-561K	560	40	5.4	.79	.32
CTFCF-681K	680	45	5.9	.79	.29
CTFCF-751K	750	30	4.2	.79	.28
CTFCF-821K	820	40	6.3	.79	.27
CTFCF-102K	1000	70	8.6	.25	.21
CTFCF-122K	1200	70	10	.25	.21
CTFCF-152K	1500	62	14	.25	.19
CTFCF-182K	1800	62	16	.25	.17
CTFCF-222K	2200	60	18	.25	.15
CTFCF-252K	2500	60	18	.25	.14
CTFCF-272K	2700	60	19	.25	.14
CTFCF-332K	3300	50	22	.25	.13
CTFCF-392K	3900	50	26	.25	.12
CTFCF-472K	4700	50	29	.25	.11
CTFCF-502K	5000	45	31	.25	.10
CTFCF-602K	6000	35	31	.25	.10
CTFCF-752K	7500	25	50	.25	.08
CTFCF-103K	10000	25	70	.25	.07

CHARACTERISTICS

- Description:** Radial leaded High Q flat RF choke
- Applications:** Ideally suited for use in high density printed circuit board assemblies. Offers twice the inductances and Q values as axial leaded inductors.
- Operating Temperature:** -20°C to +100°C
- Inductance Tolerance:** K = $\pm 10\%$
- Packaging:** Bulk pack, 500 parts per bag
- Marking:** Stamped with inductance code
- Testing:** Tested on a HP4285A at specified frequency
- Leads:** Soft copper and pre-tinned
- Miscellaneous:** RoHS Compliant
- Samples available. See website for ordering information.**

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	24 AWG
				Typ.		Nom.
mm	10.1	8.90 \pm 1.30	3.81 \pm 0.76	25.4	8.90 \pm 1.30	0.5110
inches	0.40	0.35 \pm 0.05	0.15 \pm 0.03	1.00	0.35 \pm 0.05	0.02010

