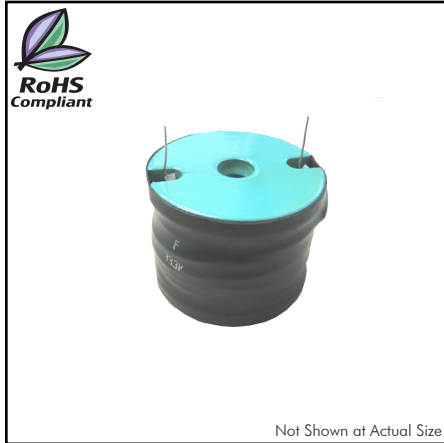


## CTDR6F Series

From 4.7 $\mu$ H to 47,000 $\mu$ H



### SPECIFICATIONS

Part numbers indicate available inductance tolerance.  
K =  $\pm 10\%$ , M =  $\pm 20\%$

Part Number	Inductance ( $\mu$ H)	DCR Max. ( $\Omega$ )	Current Saturating DC (Amps)	Rated Current (Amps)	Wire Dia. Ref. (inches)	Dimension (D) (inches)
CTDR6F-4R7M	4.7	.002	149.9	35.0	0.105	1.40
CTDR6F-5R6M	5.6	.002	122.7	35.0	0.105	1.40
CTDR6F-6R8M	6.8	.003	103.8	35.0	0.105	1.40
CTDR6F-8R2M	8.2	.003	90.0	35.0	0.105	1.40
CTDR6F-100K	10	.003	79.4	35.0	0.105	1.48
CTDR6F-120K	12	.004	71.0	35.0	0.105	1.48
CTDR6F-150K	15	.004	64.3	35.0	0.105	1.48
CTDR6F-180K	18	.005	58.7	35.0	0.105	1.48
CTDR6F-220K	22	.005	54.0	35.0	0.105	1.48
CTDR6F-270K	27	.006	50.0	35.0	0.105	1.48
CTDR6F-330K	33	.006	46.5	35.0	0.105	1.48
CTDR6F-390K	39	.006	43.5	35.0	0.105	1.48
CTDR6F-470K	47	.008	40.9	35.0	0.105	1.48
CTDR6F-560K	56	.009	36.5	35.0	0.105	1.48
CTDR6F-680K	68	.009	32.9	35.0	0.105	1.48
CTDR6F-820K	82	.010	30.0	35.0	0.105	1.48
CTDR6F-101K	100	.014	26.5	27.0	0.094	1.53
CTDR6F-121K	120	.015	24.5	27.0	0.094	1.53
CTDR6F-151K	150	.023	21.4	21.0	0.084	1.49
CTDR6F-181K	180	.025	19.5	21.0	0.084	1.49
CTDR6F-221K	220	.028	18.0	21.0	0.084	1.49
CTDR6F-271K	270	.030	16.2	21.0	0.084	1.49
CTDR6F-331K	330	.040	14.8	17.0	0.075	1.31
CTDR6F-391K	390	.055	13.6	13.5	0.068	1.31
CTDR6F-471K	470	.061	12.3	13.5	0.068	1.31
CTDR6F-561K	560	.068	11.3	13.5	0.068	1.40
CTDR6F-681K	680	.094	10.3	11.4	0.060	1.42
CTDR6F-821K	820	.104	9.4	11.4	0.060	1.42
CTDR6F-102K	1000	.143	8.5	9.0	0.054	1.36
CTDR6F-122K	1200	.156	7.7	9.0	0.054	1.36
CTDR6F-152K	1500	.219	6.8	7.2	0.048	1.31
CTDR6F-182K	1800	.241	6.3	7.2	0.048	1.31
CTDR6F-222K	2200	.270	5.7	7.2	0.048	1.40
CTDR6F-272K	2700	.364	5.1	5.5	0.043	1.36
CTDR6F-332K	3300	.498	4.6	4.5	0.039	1.24
CTDR6F-392K	3900	.548	4.2	4.5	0.039	1.32
CTDR6F-472K	4700	.608	3.9	4.5	0.039	1.32
CTDR6F-562K	5600	.671	3.5	4.5	0.039	1.36
CTDR6F-682K	6800	.750	3.2	4.5	0.039	1.40
CTDR6F-822K	8200	1.03	2.9	4.0	0.035	1.45
CTDR6F-103K	10000	1.16	2.6	4.0	0.035	1.45
CTDR6F-123K	12000	1.54	2.4	2.8	0.031	1.40
CTDR6F-153K	15000	1.75	2.2	2.8	0.031	1.40
CTDR6F-183K	18000	1.94	2.0	2.8	0.028	1.45
CTDR6F-223K	22000	2.74	1.8	2.0	0.028	1.37
CTDR6F-273K	27000	3.71	1.6	1.7	0.025	1.37
CTDR6F-333K	33000	4.16	1.5	1.7	0.025	1.37
CTDR6F-393K	39000	5.56	1.4	1.4	0.025	1.35
CTDR6F-473K	47000	6.19	1.2	1.4	0.022	1.35

### CHARACTERISTICS

- Description:** Radial leaded drum core
- Applications:** Used in switching regulators, power amplifiers, power supplies, SCR and Triac controls, speaker crossover networks, RFI suppression and filters
- Operating Temperature:** -55°C to +125°C
- Saturated Current:** Lowers inductance by 5%
- Testing:** Inductance and DCR are tested on an HP4263A at 1kHz
- Packaging:** Bulk
- Sleeving:** UL-VW-1 sleeving
- Hi Pot Voltage Test:** 500V from lead wire to core
- Miscellaneous:** **RoHS Compliant.**
- Additional Information:** Additional electrical & physical information available upon request.
- Samples available. See website for ordering information.**

### PHYSICAL DIMENSIONS

