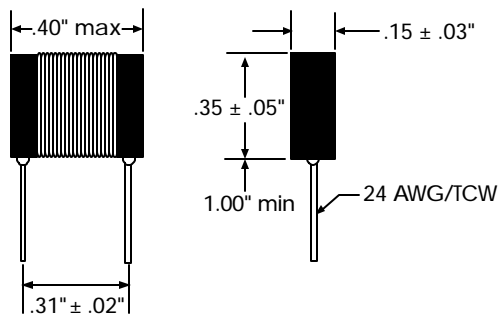
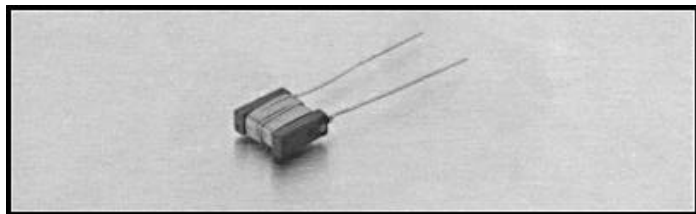


# LFC Flat Coils



These are low-cost, high Q, radial lead inductors. This unique configuration makes them ideally suited for use in high density printed circuit board assemblies. The flat coil configuration also offers twice the inductance and Q values as axial lead inductors. Epoxy coating and shrink tubing are available by special order.

INDUCTANCES 1.0 $\mu$ H to 10.000 $\mu$ H

CURRENT RATING Based on current flow and temperature rise of 20°C maximum at 80°C ambient temperature.

OPERATING TEMPERATURE - 20°C to +100°C.

INDUCTANCE TOLERANCE  $\pm$ 10% over entire range

TERMINAL STRENGTH 5 lb. minimum

TESTING Inductance and Q measured on Q meter HP4342A at specified frequency. SRF measured on Grid Dip Meter or equivalent. DCR measured on Digital Milliohm meter.

MARKING Inductance value (i.e. 1R0K)

PACKAGING Bulk only

PART NUMBER	INDUCTANCE ( $\mu$ H)	Q MINIMUM	TEST FREQUENCY (MHZ)	DC RESISTANCE OHMS MAXIMUM (W)	RATED DC CURRENT MAX (A)
LFC-1R0K	1.0	37	7.9	.015	7.0
LFC-1R2K	1.2	39	7.9	.012	6.0
LFC-1R5K	1.5	35	7.9	.014	5.0
LFC-1R8K	1.8	37	7.9	.020	4.8
LFC-2R2K	2.2	38	7.9	.025	4.4
LFC-2R5K	2.5	40	7.9	.030	4.1
LFC-2R7K	2.7	43	7.9	.028	4.0
LFC-3R3K	3.3	35	7.9	.036	3.7
LFC-3R9K	3.9	37	7.9	.050	3.4
LFC-4R7K	4.7	37	7.9	.053	3.2
LFC-5R0K	5.0	40	7.9	.080	2.9
LFC-5R6K	5.6	38	7.9	.092	2.8
LFC-6R8K	6.8	29	7.9	.113	2.6
LFC-7R6K	7.6	30	7.9	.110	2.5
LFC-8R2K	8.2	32	7.9	.116	2.2
LFC-100K	10	80	7.9	.190	2.1
LFC-120K	12	40	2.5	.140	2.0
LFC-150K	15	40	2.5	.158	1.6
LFC-180K	18	40	2.5	.180	1.6
LFC-220K	22	40	2.5	.230	1.4
LFC-250K	25	50	2.5	.285	1.3
LFC-270K	27	50	2.5	.300	1.3
LFC-330K	33	45	2.5	.346	1.2
LFC-390K	39	45	2.5	.371	1.1
LFC-470K	47	45	2.5	.502	1.03
LFC-500K	50	40	2.5	.610	1.00
LFC-560K	56	40	2.5	.687	.95
LFC-680K	68	40	2.5	.808	.90
LFC-750K	75	40	2.5	1.200	.86
LFC-820K	82	50	2.5	1.450	.86
LFC-101K	100	80	2.5	1.160	.70
LFC-121K	120	70	.79	1.725	.65
LFC-151K	150	70	.79	1.855	.60
LFC-181K	180	70	.79	2.070	.58
LFC-221K	220	50	.79	2.105	.49
LFC-251K	250	40	.79	2.500	.49
LFC-271K	270	50	.79	2.700	.45
LFC-331K	330	50	.79	3.335	.41
LFC-391K	390	45	.79	3.450	.39
LFC-471K	470	40	.79	5.290	.35
LFC-501K	500	35	.79	5.350	.34
LFC-561K	560	40	.79	5.405	.32
LFC-681K	680	45	.79	5.930	.29
LFC-751K	750	30	.79	6.200	.28
LFC-821K	820	40	.79	6.325	.27
LFC-102K	1000	70	.79	8.600	.21
LFC-122K	1200	70	.25	10.000	.21
LFC-152K	1500	62	.25	14.260	.19
LFC-182K	1800	62	.25	15.760	.17
LFC-222K	2200	60	.25	17.700	.15
LFC-252K	2500	60	.25	18.000	.14
LFC-272K	2700	60	.25	19.100	.14
LFC-332K	3300	50	.25	21.740	.13
LFC-392K	3900	50	.25	26.000	.12
LFC-472K	4700	50	.25	28.900	.11
LFC-602K	6000	35	.25	31.000	.10
LFC-752K	7500	25	.25	50.000	.08
LFC-103K	10000	25	.25	70.000	.07