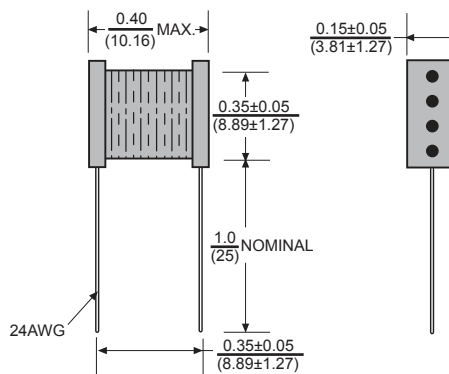


# RFC20 Radial Flat Coils



Dimensions:  $\frac{\text{Inches}}{\text{(mm)}}$



## Features

- Radial leaded for easy P.C.B. mounting.
- Narrow Design ideal for densely populated boards.
- Wide range of inductance values.
- Non-standard values available upon request.

## Electrical

**Inductance Range:** 1.0 $\mu$ h to 10,000 $\mu$ h

**Tolerance:**  $\pm 10\%$  on all values.

**Testing:** Inductance and Q measured on HP4342A at specified frequency.

**Operating Temp. Range:** -20° to +100°C.

**Rated Current:** Based on  $\Delta T = 20^\circ\text{C}$  temperature rise.

## Physical

**Marking (On Part):** 4 Dot EIA Code.

**Marking (On Reel):** Manufacturers Name, Part Number, Customers Part Number, Invoice Number, Lot or Data Code.

**Packaging:** 250 pieces per bag.

Allied Part Number	Inductance ( $\mu$ h)	Tolerance (%)	Q Min.	Test Freq. (MHz)	DCR Max. ( $\Omega$ )	Rated Current (A)
RFC20-1R0K-RC	1.0	10	37	7.9	.015	7.0
RFC20-1R2K-RC	1.2	10	39	7.9	.012	6.0
RFC20-1R5K-RC	1.5	10	35	7.9	.014	5.0
RFC20-1R8K-RC	1.8	10	37	7.9	.020	4.8
RFC20-2R2K-RC	2.2	10	37	7.9	.025	4.4
RFC20-2R5K-RC	2.5	10	40	7.9	.030	4.1
RFC20-2R7K-RC	2.7	10	43	7.9	.028	4.0
RFC20-3R3K-RC	3.3	10	35	7.9	.036	3.7
RFC20-3R9K-RC	3.9	10	37	7.9	.050	3.4
RFC20-4R7K-RC	4.7	10	37	7.9	.053	3.2
RFC20-5R0K-RC	5.0	10	40	7.9	.080	2.9
RFC20-5R6K-RC	5.6	10	38	7.9	.092	2.8
RFC20-6R8K-RC	6.8	10	29	7.9	.113	2.6
RFC20-7R6K-RC	7.6	10	30	7.9	.110	2.5
RFC20-8R2K-RC	8.2	10	32	7.9	.116	2.2
RFC20-100K-RC	10	10	80	7.9	.119	2.1
RFC20-120K-RC	12	10	40	2.5	.140	2.0
RFC20-150K-RC	15	10	40	2.5	.158	1.6
RFC20-180K-RC	18	10	40	2.5	.180	1.6
RFC20-220K-RC	22	10	40	2.5	.230	1.4
RFC20-250K-RC	25	10	50	2.5	.285	1.3
RFC20-270K-RC	27	10	50	2.5	.300	1.3
RFC20-330K-RC	33	10	45	2.5	.346	1.2
RFC20-390K-RC	39	10	45	2.5	.371	1.1
RFC20-470K-RC	47	10	45	2.5	.502	1.03
RFC20-560K-RC	56	10	40	2.5	.687	.95
RFC20-680K-RC	68	10	40	2.5	.808	.90
RFC20-750K-RC	75	10	40	2.5	1.200	.86
RFC20-820K-RC	82	10	50	2.5	1.450	.86
RFC20-101K-RC	100	10	80	2.5	1.160	.70
RFC20-121K-RC	120	10	70	.79	1.725	.65
RFC20-151K-RC	150	10	70	.79	1.855	.60
RFC20-181K-RC	180	10	70	.79	2.070	.58
RFC20-221K-RC	220	10	50	.79	2.105	.49
RFC20-251K-RC	250	10	40	.79	2.500	.49
RFC20-271K-RC	270	10	50	.79	2.700	.45
RFC20-331K-RC	330	10	50	.79	3.335	.41
RFC20-391K-RC	390	10	45	.79	3.450	.39
RFC20-471K-RC	470	10	40	.79	5.290	.35
RFC20-501K-RC	500	10	35	.79	5.350	.34
RFC20-561K-RC	560	10	40	.79	5.405	.32
RFC20-681K-RC	680	10	45	.79	5.930	.29
RFC20-751K-RC	750	10	30	.79	6.200	.28
RFC20-821K-RC	820	10	40	.79	6.325	.27
RFC20-102K-RC	1000	10	70	.79	8.600	.21
RFC20-122K-RC	1200	10	70	.25	10.00	.21
RFC20-152K-RC	1500	10	62	.25	14.26	.19
RFC20-182K-RC	1800	10	62	.25	15.75	.17
RFC20-222K-RC	2200	10	60	.25	17.70	.15
RFC20-252K-RC	2500	10	60	.25	18.00	.14
RFC20-272K-RC	2700	10	60	.25	19.10	.14
RFC20-332K-RC	3300	10	50	.25	21.74	.13
RFC20-392K-RC	3900	10	50	.25	26.00	.12
RFC20-472K-RC	4700	10	50	.25	28.90	.11
RFC20-562K-RC	5600	10	30	.25	32.00	.10
RFC20-602K-RC	6000	10	35	.25	31.00	.10
RFC20-682K-RC	6800	10	23	.25	45.00	.07
RFC20-752K-RC	7500	10	25	.25	50.00	.08
RFC20-822K-RC	8200	10	23	.25	57.00	.07
RFC20-103K-RC	10000	10	25	.25	70.00	.07

All specifications subject to change without notice.