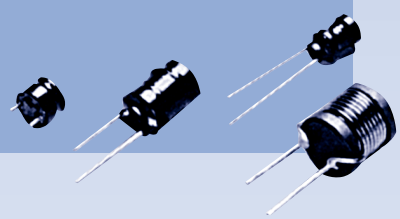
Choke Coils

Radial Leaded Thru Hole

ADCRC Series

ADCRC Series



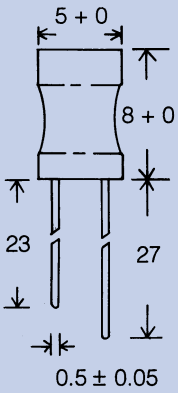
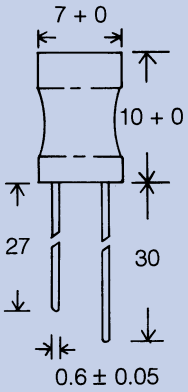
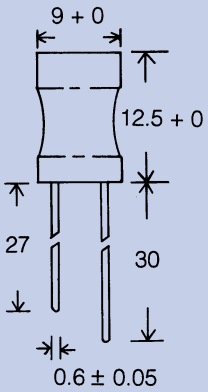
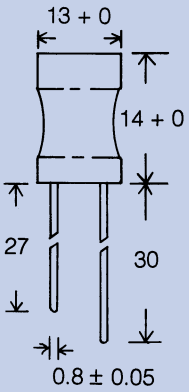
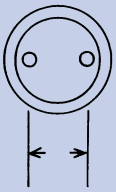
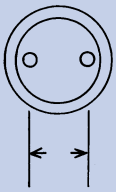
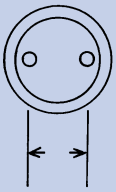
FEATURES

- Small-sized, lightweight vertical radial lead.
- Specially designed magnetic core for higher self-resonant frequency.
- Excellent temperature and humidity characteristics.
- Low priced.
- Applications: Radio & Radio-Cassette Tape Recorders and Toys.

BENEFITS

Temperature Rise	20ºC
Ambient Temperature	60ºC
Operating Temperature Range	-20ºC to +60ºC
Dielectric withstanding Voltage	250V r.m.s
Rated Current	Based on inductance variation
Terminal Tensile Strength	1.5 Kg min.
Terminal Bending Strength	0.5 Kg min.

STANDARD SPECIFICATIONS

TYPE	ADCRC-5080	ADCRC-7010B	ADCRC-9013	ADCRC-1314
Inductance Range (uH)	1 uH ~ 27000 uH	1.2 uH ~ 68000 uH	10 uH ~ 56000 uH	10 uH ~ 100 uH
External Dimensions (mm)				
(Connection Bottom)				
	2.5±0.5 Start of winding	4 ±0.5 Start of winding	5±0.5 Start of winding	5.5±0.5 Start of winding

ADIVA Technology, Inc.

ADCRC-5080 SERIES STANDARD SPECIFICATIONS

ORDERING CODE	INDUCTANCE (uH)	Q min.	TEST FREQUENCY (MHz)	SELF-RESONANT FREQUENCY (MHz) min.	DC RESISTANCE (ohm) max.	RATED DC CURRENT (mA) max.
ADCRC-5080-1R0 ❑	1.0 ±20%	40	25.20	45	0.11	960
ADCRC-5080-1R2 ❑	1.2 ±20%	40	7.96	40	0.12	960
ADCRC-5080-1R5 ❑	1.5 ±10%, ±5%	40	7.96	35	0.12	960
ADCRC-5080-1R8 ❑	1.8 ±10%, ±5%	40	7.96	32	0.12	880
ADCRC-5080-2R2 ❑	2.2 ±10%, ±5%	40	7.96	28	0.12	880
ADCRC-5080-2R7 ❑	2.7 ±10%, ±5%	50	7.96	26	0.12	880
ADCRC-5080-3R3 ❑	3.3 ±10%, ±5%	50	7.96	25	0.12	800
ADCRC-5080-3R9 ❑	3.9 ±10%, ±5%	50	7.96	24	0.12	800
ADCRC-5080-4R7 ❑	4.7 ±10%, ±5%	50	7.96	22	0.13	800
ADCRC-5080-5R6 ❑	5.6 ±10%, ±5%	50	7.96	21	0.13	800
ADCRC-5080-6R8 ❑	6.8 ±10%, ±5%	50	7.96	20	0.15	640
ADCRC-5080-8R2 ❑	8.2 ±10%, ±5%	50	7.96	18	0.16	640
ADCRC-5080-100 ❑	10 ±10%, ±5%	50	7.96	16	0.34	640
ADCRC-5080-120 ❑	12 ±10%, ±5%	50	2.52	15	0.37	480
ADCRC-5080-150 ❑	15 ±10%, ±5%	50	2.52	13	0.37	480
ADCRC-5080-180 ❑	18 ±10%, ±5%	60	2.52	12	0.47	480
ADCRC-5080-220 ❑	22 ±10%, ±5%	60	2.52	11.5	0.5	480
ADCRC-5080-250 ❑	25 ±10%, ±5%	60	2.52	11	0.56	480
ADCRC-5080-270 ❑	27 ±10%, ±5%	60	2.52	10.7	0.6	400
ADCRC-5080-300 ❑	30 ±10%, ±5%	60	2.52	10	0.6	400
ADCRC-5080-330 ❑	33 ±10%, ±5%	60	2.52	9.5	0.6	320
ADCRC-5080-390 ❑	39 ±10%, ±5%	50	2.52	8.5	0.6	320
ADCRC-5080-470 ❑	47 ±10%, ±5%	50	2.52	8	0.75	320
ADCRC-5080-560 ❑	56 ±10%, ±5%	50	2.52	7.7	0.75	240
ADCRC-5080-680 ❑	68 ±10%, ±5%	50	2.52	7.2	0.75	240
ADCRC-5080-820 ❑	82 ±10%, ±5%	50	2.52	7	0.93	200
ADCRC-5080-101 ❑	100 ±10%, ±5%	60	2.52	6	1.83	200
ADCRC-5080-121 ❑	120 ±10%, ±5%	60	0.796	5	2.12	200
ADCRC-5080-151 ❑	150 ±10%, ±5%	60	0.796	4.8	2.25	120
ADCRC-5080-181 ❑	180 ±10%, ±5%	60	0.796	4.5	2.48	120
ADCRC-5080-221 ❑	220 ±10%, ±5%	60	0.796	4.5	2.74	120
ADCRC-5080-271 ❑	270 ±10%, ±5%	60	0.796	3.8	3.28	120
ADCRC-5080-331 ❑	330 ±10%, ±5%	60	0.796	3.5	3.48	120
ADCRC-5080-391 ❑	390 ±10%, ±5%	55	0.796	3.4	5.18	120
ADCRC-5080-471 ❑	470 ±10%, ±5%	55	0.796	3.0	5.24	56
ADCRC-5080-561 ❑	560 ±10%, ±5%	55	0.796	2.8	5.24	56
ADCRC-5080-681 ❑	680 ±10%, ±5%	55	0.796	2.5	7	56
ADCRC-5080-821 ❑	820 ±10%, ±5%	50	0.796	2.3	8	56
ADCRC-5080-102 ❑	1000 ±10%, ±5%	50	0.796	2	12	48
ADCRC-5080-122 ❑	1200 ±10%, ±5%	50	0.252	1.9	13	48
ADCRC-5080-152 ❑	1500 ±10%, ±5%	50	0.252	1.7	15	48
ADCRC-5080-182 ❑	1800 ±10%, ±5%	45	0.252	1.6	18	48
ADCRC-5080-222 ❑	2200 ±10%, ±5%	45	0.252	1.4	20	32
ADCRC-5080-272 ❑	2700 ±10%, ±5%	45	0.252	1.3	28	32
ADCRC-5080-332 ❑	3300 ±10%, ±5%	40	0.252	1.1	32	32
ADCRC-5080-392 ❑	3900 ±10%, ±5%	40	0.252	1	36	20
ADCRC-5080-472 ❑	4700 ±10%, ±5%	40	0.252	0.9	41	20
ADCRC-5080-562 ❑	5600 ±10%, ±5%	40	0.252	0.9	61	20
ADCRC-5080-682 ❑	6800 ±10%, ±5%	40	0.252	0.8	70	16
ADCRC-5080-822 ❑	8200 ±10%, ±5%	30	0.252	0.7	80	16
ADCRC-5080-103 ❑	10000 ±10%, ±5%	20	0.252	0.6	89	16
ADCRC-5080-123 ❑	12000 ±10%, ±5%	20	0.0796	0.6	104	10
ADCRC-5080-153 ❑	15000 ±10%, ±5%	20	0.0796	0.4	170	10
ADCRC-5080-183 ❑	18000 ±10%, ±5%	20	0.0796	0.4	199	10
ADCRC-5080-223 ❑	22000 ±10%, ±5%	20	0.0796	0.4	248	10
ADCRC-5080-273 ❑	27000 ±10%, ±5%	20	0.0796	0.3	275	10

Inductance Tolerance: ❑ M±20%, K±10%, J±5%, H±2.5%.