

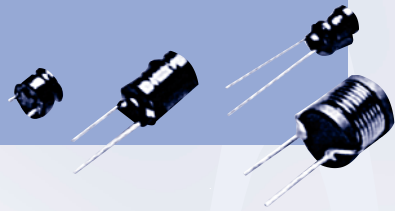
# Choke Coils

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	20°C
Ambient Temperature	60°C
Operating Temperature Range	-20°C to +60°C
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)				



# Choke Coils

Radial Leded Thru Hole

ADCRC Series — Continued

## ADCRC-5080 SERIES STANDARD SPECIFICATIONS

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

Inductance Tolerance: □ M $\pm$ 20%, K $\pm$ 10%, J $\pm$ 5%, H $\pm$ 2.5%.