

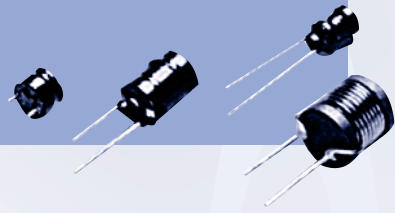
Choke Coils

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 Led Thru Hole

ADCRC Series — Continued

ADCRC-9013 SERIES STANDARD SPECIFICATIONS

ORDERING CODE	INDUCTANCE (μ H)	Q min.	TEST FREQUENCY (MHz)	SELF-RESONANT FREQUENCY (MHz) min.	DC RESISTANCE (ohm) max.	RATED DC CURRENT (mA) max.
ADCRC-7010B-473 □	47000 \pm 10%, \pm 5%	50	0.0796	0.2	123	8
ADCRC-7010B-563 □	56000 \pm 10%, \pm 5%	50	0.0796	0.2	140	8
ADCRC-7010B-683 □	68000 \pm 10%, \pm 5%	50	0.0796	0.2	200	8
ADCRC-9013-100 □	10 \pm 10%, \pm 5%	50	2.52	17	0.04	2500
ADCRC-9013-120 □	12 \pm 10%, \pm 5%	50	2.52	16	0.04	2500
ADCRC-9013-150 □	15 \pm 10%, \pm 5%	50	2.52	13	0.04	2500
ADCRC-9013-180 □	18 \pm 10%, \pm 5%	50	2.52	12	0.04	2000
ADCRC-9013-220 □	22 \pm 10%, \pm 5%	50	2.52	12	0.05	2000
ADCRC-9013-270 □	27 \pm 10%, \pm 5%	50	2.52	11	0.06	1500
ADCRC-9013-330 □	33 \pm 10%, \pm 5%	50	2.52	8.9	0.07	1500
ADCRC-9013-390 □	39 \pm 10%, \pm 5%	50	2.52	8.7	0.09	1500
ADCRC-9013-470 □	47 \pm 10%, \pm 5%	50	2.52	7	0.1	1200
ADCRC-9013-560 □	56 \pm 10%, \pm 5%	50	2.52	6.6	0.11	1200
ADCRC-9013-680 □	68 \pm 10%, \pm 5%	30	2.52	5.9	0.12	1200
ADCRC-9013-820 □	82 \pm 10%, \pm 5%	30	2.52	5.2	0.13	1000
ADCRC-9013-101 □	100 \pm 10%, \pm 5%	30	2.52	4.8	0.15	1000
ADCRC-9013-121 □	120 \pm 10%, \pm 5%	30	0.796	4	0.27	900
ADCRC-9013-151 □	150 \pm 10%, \pm 5%	30	0.796	3.7	0.29	800
ADCRC-9013-181 □	180 \pm 10%, \pm 5%	30	0.796	3.5	0.33	800
ADCRC-9013-221 □	220 \pm 10%, \pm 5%	30	0.796	3	0.35	800
ADCRC-9013-271 □	270 \pm 10%, \pm 5%	30	0.796	2.7	0.58	500
ADCRC-9013-331 □	330 \pm 10%, \pm 5%	30	0.796	2.5	0.61	500
ADCRC-9013-391 □	390 \pm 10%, \pm 5%	30	0.796	2.2	0.68	500
ADCRC-9013-471 □	470 \pm 10%, \pm 5%	30	0.796	1.8	1.17	400
ADCRC-9013-561 □	560 \pm 10%, \pm 5%	30	0.796	1.7	1.3	400
ADCRC-9013-681 □	680 \pm 10%, \pm 5%	30	0.796	1.6	1.45	400
ADCRC-9013-821 □	820 \pm 10%, \pm 5%	30	0.796	1.5	1.65	400
ADCRC-9013-102 □	1000 \pm 10%, \pm 5%	30	0.796	0.9	2.7	300
ADCRC-9013-122 □	1200 \pm 10%, \pm 5%	30	0.252	0.9	3	300
ADCRC-9013-152 □	1500 \pm 10%, \pm 5%	30	0.252	0.9	3.3	200
ADCRC-9013-182 □	1800 \pm 10%, \pm 5%	30	0.252	0.9	3.85	200
ADCRC-9013-222 □	2200 \pm 10%, \pm 5%	30	0.252	0.8	4.2	200
ADCRC-9013-272 □	2700 \pm 10%, \pm 5%	30	0.252	0.8	4.9	200
ADCRC-9013-332 □	3300 \pm 10%, \pm 5%	30	0.252	0.7	5.5	200
ADCRC-9013-392 □	3900 \pm 10%, \pm 5%	30	0.252	0.5	9.8	120
ADCRC-9013-472 □	4700 \pm 10%, \pm 5%	30	0.252	0.5	10.9	120
ADCRC-9013-562 □	5600 \pm 10%, \pm 5%	30	0.252	0.5	12.5	120
ADCRC-9013-682 □	6800 \pm 10%, \pm 5%	30	0.252	0.4	13.8	120
ADCRC-9013-822 □	8200 \pm 10%, \pm 5%	30	0.252	0.4	15.8	80
ADCRC-9013-103 □	10000 \pm 10%, \pm 5%	30	0.252	0.4	16	80
ADCRC-9013-123 □	12000 \pm 10%, \pm 5%	30	0.0796	0.3	32	80
ADCRC-9013-153 □	15000 \pm 10%, \pm 5%	30	0.0796	0.2	36.5	80
ADCRC-9013-183 □	18000 \pm 10%, \pm 5%	30	0.0796	0.2	41	50
ADCRC-9013-223 □	22000 \pm 10%, \pm 5%	20	0.0796	0.2	47	50
ADCRC-9013-273 □	27000 \pm 10%, \pm 5%	20	0.0796	0.2	53	50
ADCRC-9013-333 □	33000 \pm 10%, \pm 5%	20	0.0796	0.2	60	50
ADCRC-9013-393 □	39000 \pm 10%, \pm 5%	20	0.0796	0.1	84	50
ADCRC-9013-473 □	47000 \pm 10%, \pm 5%	20	0.0796	0.1	121	30
ADCRC-9013-563 □	56000 \pm 10%, \pm 5%	20	0.0796	0.1	133	30

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