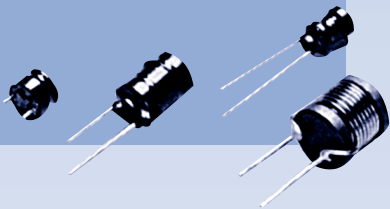


Choke Coils

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)	 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

XTAL
OSC
VCXO
VCO
TCXO
VCTCXO
FLTR
RES

IND

Choke Coils

Radial Leaded Thru Hole

ADCRC Series — Continued

ADCRC-7010B 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-1R2 □	1.2 $\pm$ 20%, $\pm$ 10%	30	7.96	80	0.02	2400
ADCRC-7010B-1R5 □	1.5 $\pm$ 20%, $\pm$ 10%	30	7.96	71	0.02	2400
ADCRC-7010B-1R8 □	1.8 $\pm$ 20%, $\pm$ 10%	30	7.96	66	0.02	2400
ADCRC-7010B-2R2 □	2.2 $\pm$ 20%, $\pm$ 10%	30	7.96	70	0.02	2400
ADCRC-7010B-2R7 □	2.7 $\pm$ 20%, $\pm$ 10%	30	7.96	60	0.02	1600
ADCRC-7010B-3R3 □	3.3 $\pm$ 10%, $\pm$ 5%	30	7.96	48	0.03	1600
ADCRC-7010B-3R9 □	3.9 $\pm$ 10%, $\pm$ 5%	30	7.96	48	0.03	1600
ADCRC-7010B-4R7 □	4.7 $\pm$ 10%, $\pm$ 5%	30	7.96	34	0.03	1600
ADCRC-7010B-5R6 □	5.6 $\pm$ 10%, $\pm$ 5%	30	7.96	29	0.03	1600
ADCRC-7010B-6R8 □	6.8 $\pm$ 10%, $\pm$ 5%	30	7.96	26	0.03	1200
ADCRC-7010B-8R2 □	8.2 $\pm$ 10%, $\pm$ 5%	30	7.96	24	0.03	1200
ADCRC-7010B-100 □	10 $\pm$ 10%, $\pm$ 5%	40	7.96	21	0.08	800
ADCRC-7010B-120 □	12 $\pm$ 10%, $\pm$ 5%	40	2.52	17	0.08	800
ADCRC-7010B-150 □	15 $\pm$ 10%, $\pm$ 5%	40	2.52	16	0.08	800
ADCRC-7010B-180 □	18 $\pm$ 10%, $\pm$ 5%	40	2.52	14	0.08	800
ADCRC-7010B-220 □	22 $\pm$ 10%, $\pm$ 5%	40	2.52	12	0.12	640
ADCRC-7010B-270 □	27 $\pm$ 10%, $\pm$ 5%	40	2.52	11	0.12	640
ADCRC-7010B-330 □	33 $\pm$ 10%, $\pm$ 5%	40	2.52	10	0.12	640
ADCRC-7010B-390 □	39 $\pm$ 10%, $\pm$ 5%	50	2.52	9.1	0.12	480
ADCRC-7010B-470 □	47 $\pm$ 10%, $\pm$ 5%	50	2.52	8.2	0.16	480
ADCRC-7010B-560 □	56 $\pm$ 10%, $\pm$ 5%	50	2.52	7.8	0.16	480
ADCRC-7010B-680 □	68 $\pm$ 10%, $\pm$ 5%	50	2.52	7.1	0.25	320
ADCRC-7010B-820 □	82 $\pm$ 10%, $\pm$ 5%	50	2.52	6.4	0.27	320
ADCRC-7010B-101 □	100 $\pm$ 10%, $\pm$ 5%	50	2.52	5.9	0.33	320
ADCRC-7010B-121 □	120 $\pm$ 10%, $\pm$ 5%	50	0.796	4.7	0.47	320
ADCRC-7010B-151 □	150 $\pm$ 10%, $\pm$ 5%	50	0.796	4.2	0.50	240
ADCRC-7010B-181 □	180 $\pm$ 10%, $\pm$ 5%	50	0.796	3.9	0.59	240
ADCRC-7010B-221 □	220 $\pm$ 10%, $\pm$ 5%	50	0.796	3.5	0.67	240
ADCRC-7010B-271 □	270 $\pm$ 10%, $\pm$ 5%	30	0.796	3.2	0.75	240
ADCRC-7010B-331 □	330 $\pm$ 10%, $\pm$ 5%	30	0.796	3.2	0.9	160
ADCRC-7010B-391 □	390 $\pm$ 10%, $\pm$ 5%	30	0.796	3	1	160
ADCRC-7010B-471 □	470 $\pm$ 10%, $\pm$ 5%	30	0.796	2.5	1.6	160
ADCRC-7010B-561 □	560 $\pm$ 10%, $\pm$ 5%	30	0.796	2.2	1.7	160
ADCRC-7010B-681 □	680 $\pm$ 10%, $\pm$ 5%	30	0.796	2	2	80
ADCRC-7010B-821 □	820 $\pm$ 10%, $\pm$ 5%	30	0.796	1.9	2.2	80
ADCRC-7010B-102 □	1000 $\pm$ 10%, $\pm$ 5%	40	0.796	1.8	2.6	80
ADCRC-7010B-122 □	1200 $\pm$ 10%, $\pm$ 5%	40	0.252	1.7	2.9	80
ADCRC-7010B-152 □	1500 $\pm$ 10%, $\pm$ 5%	40	0.252	1.5	3.6	80
ADCRC-7010B-182 □	1800 $\pm$ 10%, $\pm$ 5%	40	0.252	1.1	5.5	80
ADCRC-7010B-222 □	2200 $\pm$ 10%, $\pm$ 5%	45	0.252	1.1	6.1	80
ADCRC-7010B-272 □	2700 $\pm$ 10%, $\pm$ 5%	45	0.252	1	7.3	40
ADCRC-7010B-332 □	3300 $\pm$ 10%, $\pm$ 5%	45	0.252	0.9	8.5	40
ADCRC-7010B-392 □	3900 $\pm$ 10%, $\pm$ 5%	45	0.252	0.7	14.7	40
ADCRC-7010B-472 □	4700 $\pm$ 10%, $\pm$ 5%	45	0.252	0.7	16.5	40
ADCRC-7010B-502 □	5000 $\pm$ 10%, $\pm$ 5%	45	0.252	0.7	16.8	40
ADCRC-7010B-562 □	5600 $\pm$ 10%, $\pm$ 5%	45	0.252	0.6	18.6	40
ADCRC-7010B-682 □	6800 $\pm$ 10%, $\pm$ 5%	45	0.252	0.5	21.5	40
ADCRC-7010B-822 □	8200 $\pm$ 10%, $\pm$ 5%	45	0.252	0.5	23	40
ADCRC-7010B-103 □	10000 $\pm$ 10%, $\pm$ 5%	45	0.252	0.4	26.5	16
ADCRC-7010B-123 □	12000 $\pm$ 10%, $\pm$ 5%	50	0.0796	0.4	44	16
ADCRC-7010B-153 □	15000 $\pm$ 10%, $\pm$ 5%	50	0.0796	0.4	51.5	16
ADCRC-7010B-183 □	18000 $\pm$ 10%, $\pm$ 5%	50	0.0796	0.3	60	16
ADCRC-7010B-203 □	20000 $\pm$ 10%, $\pm$ 5%	50	0.0796	0.3	61	16
ADCRC-7010B-223 □	22000 $\pm$ 10%, $\pm$ 5%	50	0.0796	0.3	67	16
ADCRC-7010B-253 □	25000 $\pm$ 10%, $\pm$ 5%	50	0.0796	0.3	68.5	16
ADCRC-7010B-273 □	27000 $\pm$ 10%, $\pm$ 5%	50	0.0796	0.3	72	8
ADCRC-7010B-333 □	33000 $\pm$ 10%, $\pm$ 5%	50	0.0796	0.3	88	8
ADCRC-7010B-393 □	39000 $\pm$ 10%, $\pm$ 5%	50	0.0796	0.3	96	8
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

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