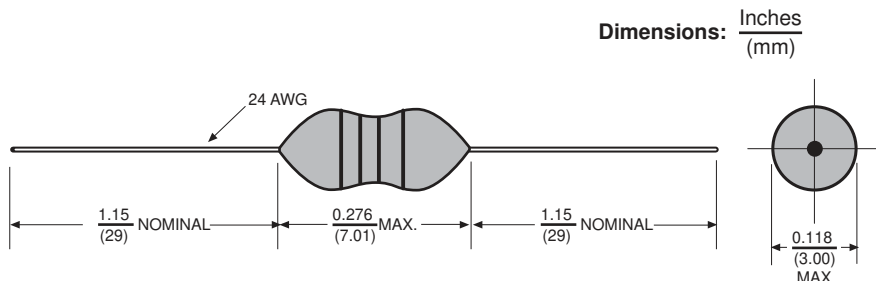


AC20

Axial Coated Inductors

**Features**

- Incorporation of a special lead wire structure entirely eliminates defects inherent in existing axial lead type products and prevents lead breakage.
- The special magnetic core structure permits the product to have reduced size, high "Q" and self resonant frequencies.
- Treated with epoxy resin coating for humidity resistance to ensure longer life.
- Heat resistant adhesives and special structural design for effective open circuit measurement.

Electrical

Inductance Range: .10 \approx h to 1000 \approx h.

Tolerance: 10% over entire range.

Tighter tolerances available

Temp. Rise: 20°C.

Ambient Temp.: 80°C.

Rated Temp Range: -20 to 100°C.

Dielectric Withstanding Voltage: 250

Volts R.M.S.

Rated Current: Based on temp rise.

Mechanical

Terminal Tensile Strength: 1.0 kg min.

Terminal Bending Strength: .3 kg min.

Physical

Marking (on reel): Manufacturers name, Part number, Quantity,

Marking: 4 band color code.

Packaging: 3000 pieces per Ammo Pack.

Allied Part Number	Inductance (\approx h)	Tolerance (%)	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	Rated Current (mA)
AC20-R10K-RC	.10	10	40	25.2	470	0.06	1400
AC20-R12K-RC	.12	10	40	25.2	450	0.06	1350
AC20-R15K-RC	.15	10	40	25.2	420	0.07	1270
AC20-R18K-RC	.18	10	40	25.2	400	0.10	1200
AC20-R22K-RC	.22	10	40	25.2	380	0.08	1150
AC20-R27K-RC	.27	10	40	25.2	360	0.08	1110
AC20-R33K-RC	.33	10	40	25.2	350	0.09	1110
AC20-R39K-RC	.39	10	40	25.2	320	0.10	1000
AC20-R47K-RC	.47	10	40	25.2	300	0.11	1000
AC20-R56K-RC	.56	10	40	25.2	280	0.12	950
AC20-R68K-RC	.68	10	40	25.2	250	0.13	900
AC20-R70K-RC	.70	10	40	25.2	230	0.14	900
AC20-R82K-RC	.82	10	40	25.2	200	0.14	900
AC20-R90K-RC	.90	10	40	25.2	190	0.15	850
AC20-1R0K-RC	1.0	10	40	25.2	180	0.15	815
AC20-1R1K-RC	1.1	10	40	7.96	170	0.17	780
AC20-1R2K-RC	1.2	10	40	7.96	165	0.18	740
AC20-1R5K-RC	1.5	10	40	7.96	150	0.20	700
AC20-1R6K-RC	1.6	10	40	7.96	130	0.22	680
AC20-1R8K-RC	1.8	10	50	7.96	125	0.23	655
AC20-2R0K-RC	2.0	10	50	7.96	115	0.24	640
AC20-2R2K-RC	2.2	10	50	7.96	110	0.25	630
AC20-2R3K-RC	2.3	10	50	7.96	105	0.26	620
AC20-2R4K-RC	2.4	10	50	7.96	100	0.27	610
AC20-2R7K-RC	2.7	10	50	7.96	95	0.28	595
AC20-3R0K-RC	3.0	10	50	7.96	90	0.29	580
AC20-3R2K-RC	3.2	10	50	7.96	85	0.29	570
AC20-3R3K-RC	3.3	10	50	7.96	70	0.30	575
AC20-3R6K-RC	3.6	10	50	7.96	65	0.31	560
AC20-3R9K-RC	3.9	10	50	7.96	65	0.32	555
AC20-4R2K-RC	4.2	10	50	7.96	60	0.33	540
AC20-4R7K-RC	4.7	10	50	7.96	50	0.35	530
AC20-5R6K-RC	5.6	10	50	7.96	40	0.40	500
AC20-6R0K-RC	6.0	10	50	7.96	35	0.43	490
AC20-6R4K-RC	6.4	10	50	7.96	33	0.44	480
AC20-6R8K-RC	6.8	10	50	7.96	30	0.45	470
AC20-8R2K-RC	8.2	10	50	7.96	28	0.56	425
AC20-100K-RC	10	10	50	7.96	22	0.75	370
AC20-120K-RC	12	10	50	2.52	20	0.80	350
AC20-150K-RC	15	10	50	2.52	16	0.93	335
AC20-180K-RC	18	10	50	2.52	15	1.00	315
AC20-200K-RC	20	10	50	2.52	14	1.10	300
AC20-220K-RC	22	10	50	2.52	12	1.50	280
AC20-270K-RC	27	10	50	2.52	11	1.80	270
AC20-330K-RC	33	10	50	2.52	10	2.10	255
AC20-360K-RC	36	10	50	2.52	9.7	2.20	250
AC20-390K-RC	39	10	50	2.52	9.5	2.30	240
AC20-470K-RC	47	10	50	2.52	8.5	2.60	205
AC20-560K-RC	56	10	50	2.52	7.5	2.90	195
AC20-680K-RC	68	10	50	2.52	6.5	3.30	185
AC20-820K-RC	82	10	50	2.52	6.0	3.80	175
AC20-101K-RC	100	10	50	2.52	5.5	4.20	165
AC20-121K-RC	120	10	60	.796	5.4	4.70	160
AC20-151K-RC	150	10	60	.796	4.7	5.40	150
AC20-161K-RC	160	10	60	.796	4.5	5.70	145
AC20-181K-RC	180	10	60	.796	4.3	6.00	140
AC20-221K-RC	220	10	60	.796	4	7.00	130
AC20-271K-RC	270	10	60	.796	3.7	7.70	120
AC20-331K-RC	330	10	60	.796	3.4	11.10	100
AC20-391K-RC	390	10	60	.796	2.8	12.60	95
AC20-471K-RC	470	10	60	.796	2.5	14.00	90
AC20-561K-RC	560	10	60	.796	2.3	15.50	85
AC20-621K-RC	620	10	60	.796	2.1	23.00	80
AC20-681K-RC	680	10	60	.796	2	25.30	75
AC20-821K-RC	820	10	60	.796	1.5	27.50	65
AC20-102K-RC	1000	10	50	.796	1.2	31.40	60

All specifications subject to change without notice.