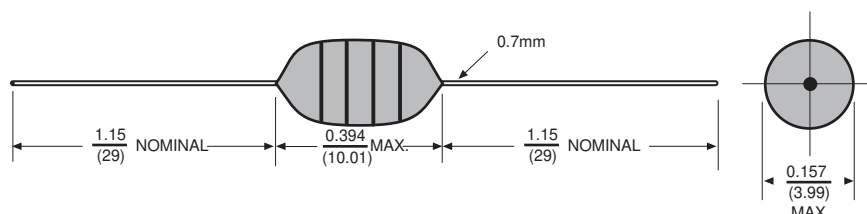




Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$



Allied Part Number	Inductance (\approx h)	Tolerance (%)	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated Current (mA)
AC30-R10K-RC	.10	10	25	25.2	470	0.06	1700
AC30-R12K-RC	.12	10	25	25.2	450	0.06	1640
AC30-R15K-RC	.15	10	25	25.2	420	0.07	1560
AC30-R18K-RC	.18	10	25	25.2	400	0.07	1480
AC30-R22K-RC	.22	10	25	25.2	380	0.08	1400
AC30-R27K-RC	.27	10	25	25.2	340	0.09	1320
AC30-R33K-RC	.33	10	25	25.2	300	0.10	1280
AC30-R39K-RC	.39	10	25	25.2	280	0.12	1200
AC30-R47K-RC	.47	10	25	25.2	250	0.12	1150
AC30-R56K-RC	.56	10	25	25.2	230	0.14	1100
AC30-R68K-RC	.68	10	25	25.2	210	0.15	1030
AC30-R82K-RC	.82	10	45	25.2	172	0.16	980
AC30-1R0K-RC	1.0	10	45	25.2	157	0.17	920
AC30-1R2K-RC	1.2	10	50	7.96	144	0.18	880
AC30-1R5K-RC	1.5	10	50	7.96	131	0.20	830
AC30-1R8K-RC	1.8	10	55	7.96	121	0.22	790
AC30-2R2K-RC	2.2	10	55	7.96	110	0.24	750
AC30-2R7K-RC	2.7	10	60	7.96	100	0.25	720
AC30-3R3K-RC	3.3	10	65	7.96	94	0.30	670
AC30-3R9K-RC	3.9	10	65	7.96	86	0.35	640
AC30-4R7K-RC	4.7	10	70	7.96	80	0.40	620
AC30-5R6K-RC	5.6	10	70	7.96	74	0.45	590
AC30-6R8K-RC	6.8	10	75	7.96	68	0.50	550
AC30-8R2K-RC	8.2	10	80	7.96	53	0.60	530
AC30-100K-RC	10	10	80	7.96	45	0.65	500
AC30-120K-RC	12	10	75	2.52	34	0.70	480
AC30-150K-RC	15	10	70	2.52	20	0.75	460
AC30-180K-RC	18	10	65	2.52	14	0.80	430
AC30-220K-RC	22	10	50	2.52	9.9	0.90	410
AC30-270K-RC	27	10	55	2.52	7.6	1.00	390
AC30-330K-RC	33	10	55	2.52	6.3	1.10	370
AC30-390K-RC	39	10	50	2.52	6.3	1.20	350
AC30-470K-RC	47	10	45	2.52	6.3	1.30	340
AC30-560K-RC	56	10	40	2.52	6.2	1.50	320
AC30-680K-RC	68	10	40	2.52	5.7	1.80	305
AC30-820K-RC	82	10	35	2.52	5.3	2.00	290
AC30-101K-RC	100	10	30	2.52	4.8	2.50	275
AC30-121K-RC	120	10	70	.796	3.8	3.00	185
AC30-151K-RC	150	10	70	.796	3.5	4.20	175
AC30-181K-RC	180	10	70	.796	3.3	4.60	165
AC30-221K-RC	220	10	70	.796	3.0	5.10	155
AC30-271K-RC	270	10	65	.796	2.8	6.00	145
AC30-331K-RC	330	10	65	.796	2.6	6.50	137
AC30-391K-RC	390	10	65	.796	2.4	7.50	133
AC30-471K-RC	470	10	60	.796	2.25	8.50	126
AC30-561K-RC	560	10	60	.796	2.1	9.50	120
AC30-681K-RC	680	10	55	.796	1.95	12.00	113
AC30-821K-RC	820	10	55	.796	1.85	14.00	105
AC30-102K-RC	1000	10	55	.796	1.4	20.00	85

All specifications subject to change without notice.

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:** 0.9 kg min.
Terminal Bending Strength: .3 kg min.

Physical

- Marking (on reel):** Manufacturers name, Part number, Quantity,
Marking: 4 band color code.
Packaging: 2000 pieces per Ammo Pack.