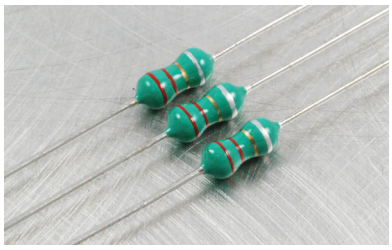
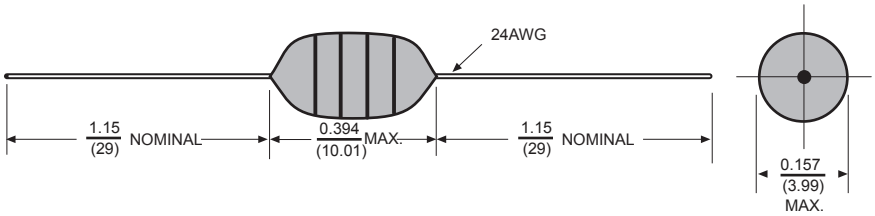
RoHS

Axial Coated Inductors AC30



Dimensions: Inches / (mm)



Allied Part Number	Inductance (µh)	Tolerance (%)	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated Current (mA)
AC30-R10K-RC	.10	10	50	25.2	470	0.04	900
AC30-R12K-RC	.12	10	50	25.2	450	0.06	900
AC30-R15K-RC	.15	10	50	25.2	430	0.07	890
AC30-R18K-RC	.18	10	50	25.2	410	0.07	890
AC30-R22K-RC	.22	10	50	25.2	380	0.08	880
AC30-R27K-RC	.27	10	50	25.2	340	0.09	800
AC30-R33K-RC	.33	10	50	25.2	300	0.10	750
AC30-R39K-RC	.39	10	50	25.2	280	0.12	680
AC30-R47K-RC	.47	10	50	25.2	250	0.16	650
AC30-R56K-RC	.56	10	50	25.2	230	0.18	600
AC30-R68K-RC	.68	10	50	25.2	210	0.22	550
AC30-R82K-RC	.82	10	50	25.2	172	0.24	980
AC30-1R0K-RC	1.0	10	50	25.2	157	0.09	920
AC30-1R2K-RC	1.2	10	50	7.96	144	0.10	880
AC30-1R5K-RC	1.5	10	50	7.96	131	0.23	830
AC30-1R8K-RC	1.8	10	55	7.96	121	0.25	790
AC30-2R2K-RC	2.2	10	55	7.96	110	0.28	750
AC30-2R7K-RC	2.7	10	60	7.96	100	0.30	720
AC30-3R3K-RC	3.3	10	65	7.96	94	0.34	670
AC30-3R9K-RC	3.9	10	65	7.96	86	0.37	640
AC30-4R7K-RC	4.7	10	70	7.96	80	0.39	620
AC30-5R6K-RC	5.6	10	70	7.96	74	0.43	590
AC30-6R8K-RC	6.8	10	75	7.96	58	0.48	550
AC30-8R2K-RC	8.2	10	80	7.96	53	0.52	530
AC30-100K-RC	10	10	85	7.96	45	0.58	500
AC30-120K-RC	12	10	75	2.52	30	0.63	480
AC30-150K-RC	15	10	70	2.52	20	0.72	460
AC30-180K-RC	18	10	65	2.52	14	0.77	430
AC30-220K-RC	22	10	40	2.52	9.9	0.84	410
AC30-270K-RC	27	10	55	2.52	7.6	0.94	390
AC30-330K-RC	33	10	55	2.52	6.3	1.03	370
AC30-390K-RC	39	10	50	2.52	6.3	1.12	350
AC30-470K-RC	47	10	45	2.52	6.3	1.22	340
AC30-560K-RC	56	10	40	2.52	6.2	1.34	320
AC30-680K-RC	68	10	40	2.52	5.7	1.47	305
AC30-820K-RC	82	10	35	2.52	5.3	1.62	290
AC30-101K-RC	100	10	30	2.52	4.8	1.80	275
AC30-121K-RC	120	10	70	.796	3.8	3.70	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	5.80	145
AC30-331K-RC	330	10	65	.796	2.6	6.40	137
AC30-391K-RC	390	10	65	.796	2.4	7.00	133
AC30-471K-RC	470	10	60	.796	2.25	7.70	126
AC30-561K-RC	560	10	60	.796	2.1	8.5	120
AC30-681K-RC	680	10	55	.796	1.95	9.4	113
AC30-821K-RC	820	10	55	.796	1.85	12.0	100
AC30-102K-RC	1000	10	50	.252	1.4	17.4	100

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: .10µh to 1000µh.

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: 5000 pieces per Ammo Pack.

For Tape and Reel packaging please add "-TR" to the part number.