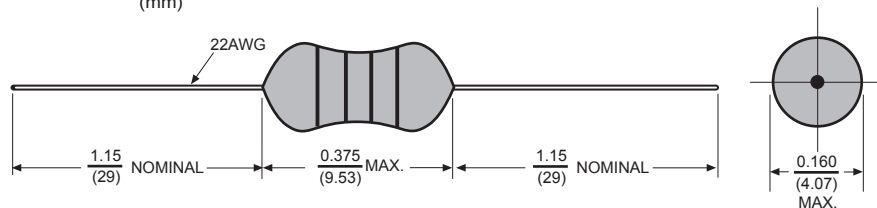


Dimensions: Inches  
(mm)



Allied Part Number	Inductance (μH)	Tolerance (%)	Q Min	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max (Ω)	Rated Current (mA)
AC35-R10K-RC-*	.10	10	40	25.2	400	0.06	1360
AC35-R12K-RC-*	.12	10	40	25.2	400	0.06	1280
AC35-R15K-RC-*	.15	10	40	25.2	400	0.07	1200
AC35-R18K-RC-*	.18	10	04	25.2	400	0.07	1120
AC35-R22K-RC-*	.22	10	25	25.2	380	0.21	880
AC35-R27K-RC-*	.27	10	25	25.2	340	0.24	800
AC35-R33K-RC-*	.33	10	25	25.2	300	0.28	750
AC35-R39K-RC-*	.39	10	25	25.2	280	0.32	680
AC35-R47K-RC-*	.47	10	25	25.2	250	0.36	650
AC35-R56K-RC-*	.56	10	25	25.2	230	0.41	600
AC35-R68K-RC-*	.68	10	25	25.2	210	0.47	550
AC35-R82K-RC-*	.82	10	45	25.2	172	0.17	980
AC35-1R0K-RC-*	1.0	10	45	25.2	157	0.19	920
AC35-1R2K-RC-*	1.2	10	50	7.96	144	0.21	880
AC35-1R5K-RC-*	1.5	10	50	7.96	131	0.23	830
AC35-1R8K-RC-*	1.8	10	55	7.96	121	0.25	790
AC35-2R2K-RC-*	2.2	10	55	7.96	110	0.28	750
AC35-2R7K-RC-*	2.7	10	60	7.96	100	0.30	720
AC35-3R3K-RC-*	3.3	10	65	7.96	94	0.34	670
AC35-3R9K-RC-*	3.9	10	65	7.96	86	0.37	640
AC35-4R7K-RC-*	4.7	10	70	7.96	80	0.39	620
AC35-5R6K-RC-*	5.6	10	70	7.96	74	0.43	590
AC35-6R8K-RC-*	6.8	10	75	7.96	68	0.48	550
AC35-8R2K-RC-*	8.2	10	80	7.96	53	0.52	530
AC35-100K-RC-*	10	10	85	7.96	45	0.58	500
AC35-120K-RC-*	12	10	75	2.52	34	0.63	480
AC35-150K-RC-*	15	10	70	2.52	20	0.72	460
AC35-180K-RC-*	18	10	65	2.52	14	0.77	430
AC35-220K-RC-*	22	10	60	2.52	9.9	0.80	410
AC35-270K-RC-*	27	10	55	2.52	9.8	0.94	390
AC35-330K-RC-*	33	10	55	2.52	9.5	1.03	370
AC35-390K-RC-*	39	10	50	2.52	9.5	1.12	350
AC35-470K-RC-*	47	10	45	2.52	9.4	1.22	340
AC35-560K-RC-*	56	10	40	2.52	9.3	1.34	320
AC35-680K-RC-*	68	10	40	2.52	9.2	1.47	305
AC35-820K-RC-*	82	10	35	2.52	9.2	1.62	290
AC35-101K-RC-*	100	10	30	2.52	9.0	1.80	275
AC35-121K-RC-*	120	10	70	.796	6.5	3.70	185
AC35-151K-RC-*	150	10	70	.796	6.3	4.20	175
AC35-181K-RC-*	180	10	70	.796	6	4.60	165
AC35-221K-RC-*	220	10	70	.796	4.7	5.10	155
AC35-271K-RC-*	270	10	65	.796	4.5	5.80	145
AC35-331K-RC-*	330	10	65	.796	4.4	6.40	137
AC35-391K-RC-*	390	10	65	.796	4	7.00	133
AC35-471K-RC-*	470	10	60	.796	3.2	7.70	126
AC35-561K-RC-*	560	10	60	.796	3	8.50	120
AC35-681K-RC-*	680	10	55	.796	1.95	9.40	113
AC35-821K-RC-*	820	10	55	.796	1.85	10.5	100
AC35-102K-RC-*	1000	10	50	.796	1.4	14.0	100

### 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:** -55° to +125°C.

**Rated Current:** Based on the inductance change within 10% of initial value.

### 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:** 3000pcs per Ammo Pack.  
5000pcs per Tape & Reel.



Allied Part Number	Inductance (μH)	Tolerance (%)	Q Min	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max (Ω)	Rated Current (mA)
AC35-122K-RC-__*	1200	10	50	25.2	1.3	17	115
AC35-152K-RC-__*	1500	10	40	25.2	1.3	22	100
AC35-182K-RC-__*	1800	10	40	25.2	1.2	24	95
AC35-222K-RC-__*	2200	10	40	25.2	1.1	35	80
AC35-272K-RC-__*	2700	10	40	25.2	1.0	40	75
AC35-332K-RC-__*	3300	10	40	25.2	0.90	60	62
AC35-392K-RC-__*	3900	10	40	25.2	0.80	66	59
AC35-472K-RC-__*	4700	10	40	25.2	0.70	74	55
AC35-562K-RC-__*	5600	10	30	25.2	0.55	70	40
AC35-682K-RC-__*	6800	10	30	25.2	0.50	85	35
AC35-822K-RC-__*	8200	10	30	25.2	0.40	95	30
AC35-103K-RC-__*	10000	10	20	25.2	0.35	105	25

\*Use suffix AP for Ammo Pack  
Use suffix TR for Tape & Reel

All specifications subject to change without notice.