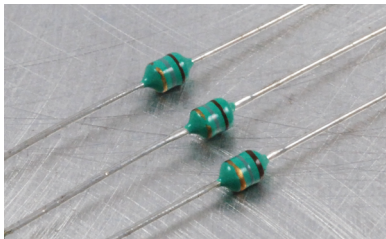


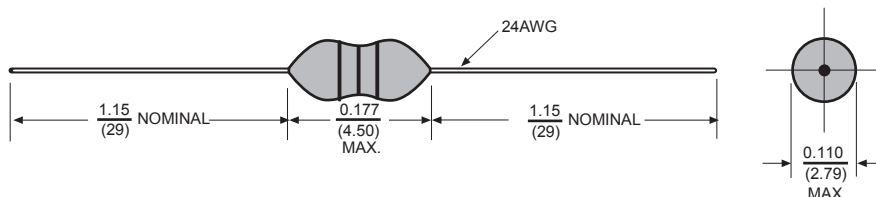


Axial Coated Inductors

AC10



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



Allied Part Number	Inductance (μh)	Tolerance (%)	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated Current (mA)
AC10-R10M-RC	.10	20	40	25.2	250	0.12	700
AC10-R12M-RC	.12	20	40	25.2	230	0.14	600
AC10-R15M-RC	.15	20	40	25.2	210	0.16	550
AC10-R18M-RC	.18	20	40	25.2	190	0.18	500
AC10-R22M-RC	.22	20	40	25.2	175	0.20	450
AC10-R27M-RC	.27	20	40	25.2	160	0.22	700
AC10-R33M-RC	.33	20	40	25.2	150	0.24	650
AC10-R39M-RC	.39	20	50	25.2	150	0.27	600
AC10-R47M-RC	.47	20	50	25.2	150	0.30	540
AC10-R56M-RC	.56	20	50	25.2	150	0.34	475
AC10-R68M-RC	.68	20	50	25.2	120	0.38	425
AC10-R82M-RC	.82	20	40	25.2	120	0.43	400
AC10-1R0M-RC	1.0	20	40	25.2	120	0.46	300
AC10-1R2M-RC	1.2	20	30	7.96	100	0.52	175
AC10-1R5M-RC	1.5	20	30	7.96	80	0.57	160
AC10-1R8M-RC	1.8	20	30	7.96	66	0.60	160
AC10-2R2M-RC	2.2	20	30	7.96	60	0.65	145
AC10-2R7M-RC	2.7	20	30	7.96	54	0.73	145
AC10-3R3K-RC	3.3	10	40	7.96	36	0.82	145
AC10-3R9K-RC	3.9	10	40	7.96	32	0.90	100
AC10-4R7K-RC	4.7	10	40	7.96	30	1.00	95
AC10-5R6K-RC	5.6	10	40	7.96	28	1.10	90
AC10-6R8K-RC	6.8	10	40	7.96	27	1.20	80
AC10-8R2K-RC	8.2	10	40	7.96	26	1.30	75
AC10-100K-RC	10	10	40	7.96	24	1.40	70
AC10-120K-RC	12	10	40	2.52	22	1.50	65
AC10-150K-RC	15	10	40	2.52	19	2.30	100
AC10-180K-RC	18	10	50	2.52	18	2.40	100
AC10-220K-RC	22	10	50	2.52	17	2.90	80
AC10-270K-RC	27	10	50	2.52	15	3.00	80
AC10-330K-RC	33	10	50	2.52	14	4.80	50
AC10-390K-RC	39	10	50	2.52	12	5.30	45
AC10-470K-RC	47	10	50	2.52	11	5.80	60
AC10-560K-RC	56	10	50	2.52	10	7.40	47
AC10-680K-RC	68	10	50	2.52	9.5	8.25	42
AC10-820K-RC	82	10	50	2.52	9.0	9.50	36
AC10-101K-RC	100	10	50	2.52	7.0	14.50	24
AC10-121K-RC	120	10	50	.796	6.5	16.00	35
AC10-151K-RC	150	10	30	.796	5.5	18.50	30
AC10-181K-RC	180	10	30	.796	5.2	20.00	28
AC10-221K-RC	220	10	30	.796	4.7	22.00	25
AC10-271K-RC	270	10	30	.796	3.5	29.00	28
AC10-331K-RC	330	10	30	.796	3.0	30.00	26
AC10-391K-RC	390	10	30	.796	2.7	32.00	25
AC10-471K-RC	470	10	30	.796	2.6	35.00	24
AC10-561K-RC	560	10	30	.796	2.5	40.00	23
AC10-681K-RC	680	10	30	.796	2.2	42.00	22
AC10-821K-RC	820	10	30	.796	2.1	46.00	21
AC10-102K-RC	1000	10	30	.796	2.0	52.00	20

All specifications subject to change without notice.

Features

- Axial leaded type, small light weight design.
- Special magnetic core structure contributes to 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: .027μh to 1000μh.

Tolerance: .027μh to 2.7μh at 20%, and from 3.3μh to 1000μh at 10%. All values available in tighter tolerances.

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: 3 band color code.

Packaging: 5000 pieces per Ammo Pack.

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