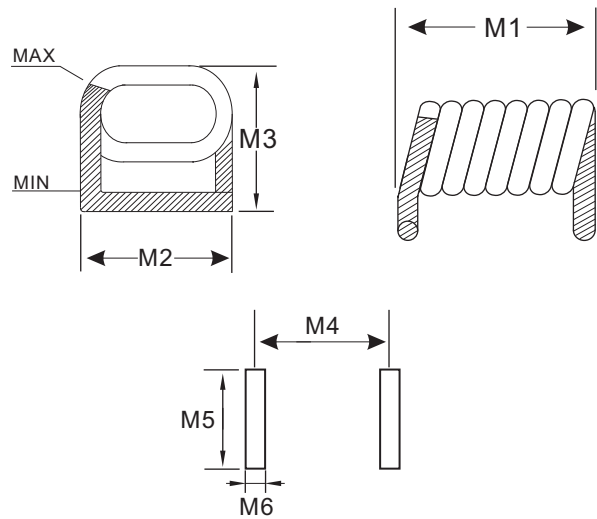
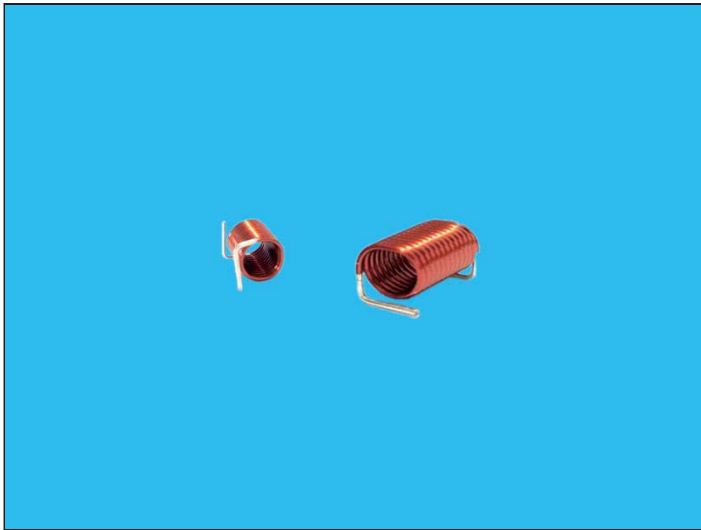


SMD Air Coil Inductor



Dimensions and Footprint (Unit:mm)

Type	M1	M2	M3	M4	M5	M6	Unit Weight
AC1111-27N	2.67±0.2	2.67±0.2	2.79±0.2	2.29	3.05	1.02	35mg
AC1111-30N	2.67±0.2	2.67±0.2	2.79±0.2	2.29	3.05	1.02	40mg
AC1111-33N	2.92±0.2	2.67±0.2	2.79±0.2	2.54	3.05	1.02	45mg
AC1111-36N	2.92±0.2	2.67±0.2	2.79±0.2	2.54	3.05	1.02	50mg
AC1111-39N	2.92±0.2	2.67±0.2	2.79±0.2	2.54	3.05	1.02	55mg
AC1111-43N	3.30±0.2	2.67±0.2	2.79±0.2	2.79	3.05	1.02	60mg
AC1111-47N	3.30±0.2	2.67±0.2	2.79±0.2	2.79	3.05	1.02	65mg
AC1515-47N	4.06±0.2	3.56±0.2	3.73±0.2	3.56	4.45	1.78	100mg
AC1515-68N	5.33±0.2	3.56±0.2	3.73±0.2	4.83	4.45	1.78	130mg
AC1515-82N	5.84±0.2	3.56±0.2	3.73±0.2	5.33	4.45	1.78	160mg
AC2222-90N	5.21±0.38	5.46±0.25	5.69±0.25	4.7	6.35	2.16	290mg
AC2222-R11	6.35±0.38	5.59±0.25	5.69±0.25	5.84	6.73	2.16	320mg
AC2222-R13	6.73±0.38	5.59±0.25	5.69±0.25	6.22	6.73	2.16	340mg
AC2222-R16	7.37±0.38	5.59±0.25	5.69±0.25	6.6	6.73	2.16	400mg
AC2222-R18	8.13±0.38	5.59±0.25	5.69±0.25	7.37	6.73	2.16	480mg
AC2222-R22	9.91±0.38	5.59±0.25	5.69±0.25	9.14	6.73	2.16	550mg
AC2222-R27	11.68±0.38	5.59±0.25	5.69±0.25	10.67	6.73	2.16	620mg
AC2222-R30	11.94±0.38	5.72±0.25	5.69±0.25	11.18	6.73	2.16	680mg
AC2929-R33	10.29±0.38	7.49±0.25	7.24±0.25	9.53	8.26	2.29	840mg
AC2929-R36	11.30±0.38	7.49±0.25	7.24±0.25	10.54	8.26	2.29	940mg
AC2929-R39	12.32±0.38	7.49±0.25	7.24±0.25	11.56	8.26	2.29	1010mg
AC2929-R43	13.21±0.38	7.49±0.25	7.24±0.25	12.45	8.26	2.29	1060mg
AC2929-R50	14.00±0.38	7.49±0.25	7.24±0.25	13.21	8.26	2.29	1140mg

Electrical Specifications-AC1111

Part NO.	Inductance (nH)	DCR (mΩ) (Max.)	IDC(A) (Max.)	SRF(GHz) (Typ.)	Q(Min.)	Test Freq (MHz)
AC1111-27N	27±5%	8.1	5.5	2.6	200	400
AC1111-30N	30±5%	8.3	5.5	2.4	200	400
AC1111-33N	33±5%	9.5	4.8	2.3	200	400
AC1111-36N	36±5%	9.8	4.8	2.3	200	400
AC1111-39N	39±5%	10.0	4.8	2.2	200	400
AC1111-43N	43±5%	10.8	4.4	2.2	200	400
AC1111-47N	47±5%	11.3	4.4	2.2	200	400

Electrical Specifications-AC1515

Part NO.	Inductance (nH)	DCR (mΩ) (Max.)	IDC(A) (Max.)	SRF(GHz) (Typ.)	Q(Min.)	Test Freq (MHz)
AC1515-47N	47±5%	6.4	4.9	1.87	230	400
AC1515-68N	68±5%	8.6	5.5	2.13	230	400
AC1515-82N	82±5%	9.4	5.6	1.79	230	400

Electrical Specifications-AC2222

Part NO.	Inductance (nH)	DCR (mΩ) (Max.)	IDC(A) (Max.)	SRF(GHz) (Typ.)	Q(Min.)	Test Freq (MHz)
AC2222-90N	90±5%	5.5	5.0	1.15	140	50
AC2222-R11	110±5%	6.5	5.7	1.00	140	50
AC2222-R13	130±5%	7.5	5.4	1.00	140	50
AC2222-R16	160±5%	8.25	5.7	1.00	140	50
AC2222-R18	180±5%	9.5	5.0	1.10	140	50
AC2222-R22	220±5%	11.0	5.0	1.00	140	50
AC2222-R27	270±5%	12.5	4.3	0.80	140	50
AC2222-R30	330±5%	13.8	3.7	0.72	140	50

Electrical Specifications-AC2929

Part NO.	Inductance (nH)	DCR (mΩ) (Max.)	IDC(A) (Max.)	SRF(GHz) (Typ.)	Q(Min.)	Test Freq (MHz)
AC2929-R33	330±5%	12.5	4.7	0.66	180	50
AC2929-R36	360±5%	13.5	4.5	0.62	180	50
AC2929-R39	390±5%	14.5	4.4	0.59	180	50
AC2929-R43	430±5%	15.5	4.2	0.55	180	50
AC2929-R50	500±5%	16.5	4.3	0.50	180	50