ANR Series

Features

- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels.
- Metallization on Ferrite Core results in excellent shock resistance and damage-free durability.
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference(EMI) .
- 35% high current rating than conventional inductors of equal size.
- Takes up less PCB real estate and save more power.
- Qualified to AEC-Q200.
- RoHS compliance.
- Halogen Free.

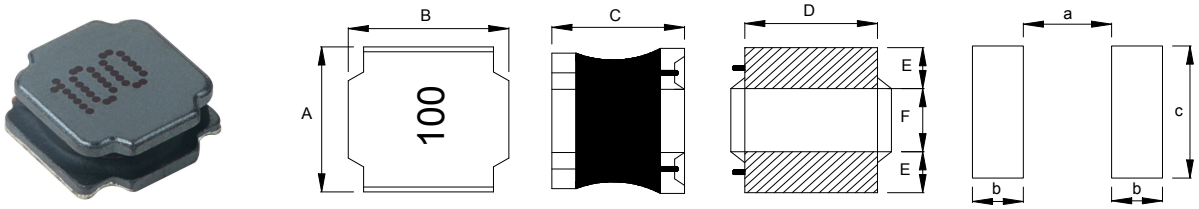
Applications

- Automotive applications.

Test Equipment and Conditions

- Inductance is measured with IM3536 LCR meter or equivalent.
- Operating temperature range -40℃ to +125℃.(Including self - temperature rise).
- DC current(Irms)that will cause an approximate△T of 40℃.
- DC current(Isat)that will cause Lo to drop approximately 35%.

External Dimensions (Unit:mm)



TYPE	A	B	C Max	D typ	E typ	F typ	a typ	b typ	c typ	Q'TY/Reel
ANR3010	3.0±0.2	3.0±0.2	1.1	2.5	0.9	1.2	0.9	1.2	2.8	2000
ANR3012	3.0±0.2	3.0±0.2	1.25	2.9	0.9	1.2	0.9	1.2	3.1	2000
ANR3015	3.0±0.2	3.0±0.2	1.5	2.55	0.9	1.2	0.9	1.2	3.1	2000
ANR4010	4.0±0.2	4.0±0.2	1.1	3.5	1.2	1.6	1.2	1.5	3.8	4500
ANR4012	4.0±0.2	4.0±0.2	1.3	3.5	1.2	1.6	1.3	1.5	3.8	4500
ANR4018	4.0±0.2	4.0±0.2	1.8	3.5	1.2	1.6	1.2	1.5	3.8	3000
ANR4020	4.0±0.2	4.0±0.2	2.0	3.5	1.2	1.6	1.2	1.5	3.8	3000
ANR4026	4.0±0.2	4.0±0.2	2.6	3.5	1.2	1.6	1.2	1.5	3.8	3000
ANR4030	4.0±0.2	4.0±0.2	3.0	3.5	1.35	1.3	1.0	1.65	3.8	2000
ANR4035	4.0±0.2	4.0±0.2	3.5	3.3	0.95	2.1	1.9	1.1	3.7	2000
ANR5012	5.0±0.2	5.0±0.2	1.3	4.0	1.5	2.0	1.7	1.8	4.3	4500
ANR5020	5.0±0.2	5.0±0.2	2.0	4.0	1.35	2.3	2.0	1.65	4.3	2500
ANR5040	5.0±0.2	5.0±0.2	4.0	4.0	1.5	2	1.7	1.8	4.3	1500
ANR5045	5.0±0.2	5.0±0.2	4.5	4.0	1.5	2	1.7	1.8	4.3	1500

TYPE	A	B	C Max	D typ	E typ	F typ	a typ	b typ	c typ	Q'TY/Reel
ANR6020	6.0±0.3	6.0±0.3	2.0	4.9	1.65	2.7	2.4	1.95	5.2	2500
ANR6028	6.0±0.3	6.0±0.3	2.8	4.9	1.65	2.7	2.4	1.95	5.2	2000
ANR6045	6.0±0.3	6.0±0.3	4.7	4.9	1.65	2.7	2.4	1.95	5.2	1500
ANR6055	6.0±0.3	6.0±0.3	5.7	4.9	1.65	2.7	2.4	1.95	5.2	1000
ANR8040	8.0±0.3	8.0±0.3	4.2	6.3	2.45	3.1	2.8	2.75	6.6	1000
ANR8065	8.0±0.3	8.0±0.3	6.8	6.3	2.45	3.1	2.8	2.75	6.6	700

2. Part Number Code

ANR	3015	M	100	A
Series Name	Dimensions: L*W*H	Tolerance M:20% N:30%	Inductance	Materials

ANR Series

Part Number	Inductance (μH) @100KHz/1V	DC Resistance (Ω) ±30%	Self-resonant Frequency (MHz) Min.	Heat Rating Current Irms (A) Max.	Saturation Current Isat (A) Max.
ANR3010M1R0A	1	0.063	180	1.49	1.44
ANR3010M1R2A	1.2	0.065	137	1.45	1.25
ANR3010M1R5A	1.5	0.077	120	1.34	1.31
ANR3010M2R2A	2.2	0.106	100	1.12	1.18
ANR3010M2R7A	2.7	0.125	90	1.05	1.03
ANR3010M3R3A	3.3	0.139	74	0.99	1
ANR3012NR82A	0.82	0.029	180	2.54	2.11
ANR3012M1R0A	1	0.039	120	2.27	1.93
ANR3012M1R2A	1.2	0.043	120	2.07	2.29
ANR3012M1R5A	1.5	0.043	110	2.07	1.67
ANR3012M1R8A	1.8	0.053	90	1.9	1.56
ANR3012M2R2A	2.2	0.072	84	1.6	1.24
ANR3012M2R4A	2.4	0.065	80	1.55	1.18
ANR3012M2R7A	2.7	0.081	65	1.52	1.17
ANR3012M3R3A	3.3	0.096	64	1.4	1.08
ANR3012M3R6A	3.6	0.1	36	1.36	1.05
ANR3012M3R9A	3.9	0.145	61	1.24	1
ANR3012M4R7A	4.7	0.116	61	1.24	0.93
ANR3015NR50A	0.5	0.03	162	2.6	3.9
ANR3015NR68A	0.68	0.035	152	2.65	2.65

ANR Series

Part Number	Inductance (μH) @100KHz/1V	DC Resistance (Ω) ±30%	Self-resonant Frequency (MHz) Min.	Heat Rating Current Irms (A) Max.	Saturation Current Isat (A) Max.
ANR3015N1R0A	1	0.036	150	2.35	2.37
ANR3015N1R2A	1.2	0.039	110	2.01	2.28
ANR3015M1R5A	1.5	0.048	100	1.75	2.37
ANR3015N1R8A	1.8	0.048	92	1.75	1.8
ANR3015N2R2A	2.2	0.069	86	1.65	1.65
ANR3015M2R7A	2.7	0.072	64	1.47	1.57
ANR3015M3R3A	3.3	0.08	68	1.4	1.36
ANR3015M3R6A	3.6	0.101	59	1.24	1.32
ANR3015M3R9A	3.9	0.105	47	1.2	1.2
ANR3015M4R3A	4.3	0.11	53	1.17	1.24
ANR3015N4R7A	4.7	0.123	46	1.09	1
ANR3015M6R2A	6.2	0.187	46	0.89	1.03
ANR3015M6R8A	6.8	0.193	39	0.88	0.88
ANR3015M100A	10	0.241	41	0.79	0.74
ANR3015M120A	12	0.308	32	0.7	0.72
ANR3015M150A	15	0.337	30	0.67	0.68
ANR4010M1R0A	1	0.054	116	1.95	2.06
ANR4010M1R5A	1.5	0.068	94	1.75	1.73
ANR4010M2R2A	2.2	0.082	73	1.54	1.23
ANR4010M3R3A	3.3	0.097	58	1.44	1.13
ANR4012NR82A	0.82	0.048	150	1.7	3.64
ANR4012M1R0A	1	0.05	120	1.65	2.61
ANR4012M1R5A	1.5	0.062	90	1.5	2.16
ANR4012M1R8A	1.8	0.077	88	1.36	2.54
ANR4012M2R2A	2.2	0.077	74	1.36	1.81
ANR4012M2R7A	2.7	0.087	71	1.29	1.96
ANR4012M3R3A	3.3	0.108	60	1.15	1.72
ANR4012M3R6A	3.6	0.106	57	1.15	1.24
ANR4012M4R3A	4.3	0.135	54	1.03	1.8
ANR4012M4R7A	4.7	0.12	50	1.08	1.18
ANR4012M5R1A	5.1	0.149	50	0.98	1.25
ANR4012M5R6A	5.6	0.14	42	1	1
ANR4012M6R8A	6.8	0.19	40	0.87	0.98
ANR4012M100A	10	0.255	33	0.79	0.82

ANR Series

Part Number	Inductance (μH) @100KHz/1V	DC Resistance (Ω) ±30%	Self-resonant Frequency (MHz) Min.	Heat Rating Current Irms (A) Max.	Saturation Current Isat (A) Max.
ANR4018NR47A	0.47	0.014	155	4	4.3
ANR4018NR68A	0.68	0.02	128	3.3	4.9
ANR4018N1R0A	1	0.024	80	2.06	4.9
ANR4018M1R5A	1.5	0.03	65	1.8	3.35
ANR4018M1R8A	1.8	0.034	54	2	3
ANR4018M2R2A	2.2	0.043	52	2.2	3
ANR4018M3R3A	3.3	0.067	44	1.27	2.52
ANR4018M4R7A	4.7	0.087	34	1.24	2
ANR4018M6R8A	6.8	0.106	29	1.09	1.49
ANR4018M100A	10	0.173	24	0.87	1.34
ANR4018M150A	15	0.241	19	0.67	0.97
ANR4018M220A	22	0.347	16	0.61	0.82
ANR4018M470A	47	0.626	10	0.43	0.59
ANR4020NR47A	0.47	0.022	160	3.3	7
ANR4020NR68A	0.68	0.028	120	2.8	6.4
ANR4020M1R0A	1	0.027	75	2.21	5
ANR4020M1R2A	1.2	0.027	72	2.21	5.25
ANR4020M1R5A	1.5	0.035	71	2.04	4.45
ANR4020M2R2A	2.2	0.039	49	1.91	3.5
ANR4020M3R3A	3.3	0.067	44	1.44	3.3
ANR4020M3R6A	3.6	0.053	49	1.59	2.88
ANR4020M4R7A	4.7	0.072	42	1.38	2.42
ANR4020M5R1A	5.1	0.081	42	1.31	2.37
ANR4020M5R6A	5.6	0.087	30	1.26	2.27
ANR4020M6R2A	6.2	0.11	36	1.11	2.21
ANR4020M6R8A	6.8	0.125	33	1.07	2.2
ANR4020M7R5A	7.5	0.11	30	1.11	1.91
ANR4020M8R2A	8.2	0.12	27	1.07	1.8
ANR4020M100A	10	0.165	26	0.93	1.65
ANR4020M120A	12	0.168	26	0.91	1.55
ANR4020M150A	15	0.221	24	0.79	1.39
ANR4020M220A	22	0.337	15	0.64	1.08

ANR Series

Part Number	Inductance (μH) @100KHz/1V	DC Resistance (Ω) ±30%	Self-resonant Frequency (MHz) Min.	Heat Rating Current Irms (A) Max.	Saturation Current Isat (A) Max.
ANR4026M1R0A	1	0.023	151	3.09	3.39
ANR4026M1R2A	1.2	0.029	120	2.36	3.19
ANR4026M1R5A	1.5	0.039	100	2.36	2.47
ANR4026M2R2A	2.2	0.039	96	2.06	2.16
ANR4026M3R3A	3.3	0.048	58	1.75	1.85
ANR4026M4R7A	4.7	0.053	46	1.64	1.49
ANR4026M6R8A	6.8	0.063	33	1.54	1.33
ANR4026M100A	10	0.082	26	1.33	1.03
ANR4026M150A	15	0.107	19	1.13	0.92
ANR4026M220A	22	0.16	13	0.92	0.62
ANR4026M330A	33	0.262	9	0.72	0.56
ANR4026M470A	47	0.291	6	0.67	0.41
ANR4030NR47A	0.47	0.017	184	5.2	7.8
ANR4030NR68A	0.68	0.01	130	4.56	6.8
ANR4030NR91A	0.91	0.021	100	3.24	6.44
ANR4030M1R0A	1	0.018	70	4.15	5.26
ANR4030M1R2A	1.2	0.024	80	3.05	5.97
ANR4030M1R5A	1.5	0.029	62	3.01	4.99
ANR4030M1R8A	1.8	0.029	60	3.01	5.56
ANR4030M2R2A	2.2	0.033	52	2.65	4.9
ANR4030M3R3A	3.3	0.039	38	2.47	3.4
ANR4030M3R6A	3.6	0.04	37	2.4	3
ANR4030M3R9A	3.9	0.057	32	2.1	3
ANR4030M4R3A	4.3	0.053	37	2.16	3.04
ANR4030M4R7A	4.7	0.058	31	2.06	2.99
ANR4030M5R6A	5.6	0.065	30	2.01	2.45
ANR4030M6R2A	6.2	0.067	29	1.91	2.58
ANR4030M6R8A	6.8	0.087	24	1.65	2.83
ANR4030M7R5A	7.5	0.081	26	1.7	2.27
ANR4030M8R2A	8.2	0.087	26	1.65	2.16
ANR4030M9R1A	9.1	0.091	23	1.6	2.06
ANR4030M100A	10	0.1	21	1.55	2.01
ANR4030M120A	12	0.13	18	1.34	1.75
ANR4030M150A	15	0.19	16	1.14	1.7

ANR Series

Part Number	Inductance (μH) @100KHz/1V	DC Resistance (Ω) ±30%	Self-resonant Frequency (MHz) Min.	Heat Rating Current Irms (A) Max.	Saturation Current Isat (A) Max.
ANR4030M180A	18	0.193	10	1.13	1.44
ANR4030M220A	22	0.225	10	1.03	1.34
ANR4030M330A	33	0.318	10	0.84	1.13
ANR4030M360A	36	0.322	9.8	0.85	1.08
ANR4030M390A	39	0.419	10	0.75	1.06
ANR4030M430A	43	0.424	9.2	0.75	1.03
ANR4030M470A	47	0.428	8.4	0.74	0.98
ANR4030M510A	51	0.453	8.4	0.72	0.93
ANR4030M560A	56	0.534	8.4	0.67	0.88
ANR4030M620A	62	0.798	7	0.55	0.82
ANR4030M680A	68	0.836	7	0.54	0.77
ANR4030M750A	75	0.982	6.3	0.49	0.72
ANR4030M820A	82	1.021	5.6	0.48	0.68
ANR4030M910A	91	1.059	5.6	0.47	0.67
ANR4030M101A	100	1.107	5.6	0.46	0.62
ANR4030M121A	120	1.3	5.4	0.43	0.57
ANR4030M151A	150	1.8	4	0.3	0.5
ANR4035NR47A	0.47	0.008	176	5.2	7.8
ANR4035NR68A	0.68	0.01	132	4.56	6.8
ANR4035M1R0A	1	0.018	76	3.9	6.39
ANR4035M1R2A	1.2	0.021	70	3.65	6.14
ANR4035M1R5A	1.5	0.024	62	3.34	5.53
ANR4035M1R8A	1.8	0.026	52	3.2	4.6
ANR4035M2R2A	2.2	0.03	52	3.04	4.41
ANR4035M3R3A	3.3	0.044	38	2.53	3.55
ANR4035M4R7A	4.7	0.062	31	2.13	3.04
ANR4035M6R8A	6.8	0.083	24	1.92	2.53
ANR4035M8R2A	8.2	0.082	26	1.82	2.13
ANR4035M100A	10	0.106	21	1.57	2.08
ANR4035M150A	15	0.175	16	1.26	1.67
ANR4035M220A	22	0.22	10	1.11	1.32
ANR4035M330A	33	0.32	10	0.91	1.11
ANR4035M470A	47	0.45	8.4	0.76	0.96
ANR4035M680A	68	0.833	7	0.55	0.76

ANR Series

Part Number	Inductance (μH) @100KHz/1V	DC Resistance (Ω) ±30%	Self-resonant Frequency (MHz) Min.	Heat Rating Current Irms (A) Max.	Saturation Current Isat (A) Max.
ANR4035M101A	100	1.055	5.6	0.45	0.66
ANR5012M1R0A	1	0.055	103	2.06	4.53
ANR5012M1R5A	1.5	0.07	68	1.95	3.81
ANR5012M2R2A	2.2	0.087	50	1.75	3.19
ANR5020NR47A	0.47	0.013	160	4.6	6.15
ANR5020NR56A	0.56	0.017	137	3.8	8.5
ANR5020NR68A	0.68	0.017	120	4	5.5
ANR5020NR75A	0.75	0.017	117	4	5.5
ANR5020N1R0A	1	0.02	97	3.81	4.46
ANR5020M1R2A	1.2	0.022	83	3.55	4.5
ANR5020N1R5A	1.5	0.026	80	3.3	3.97
ANR5020M2R2A	2.2	0.033	61	2.99	3.97
ANR5020M2R7A	2.7	0.038	52	2.7	2.9
ANR5020M3R0A	3	0.038	49	2.7	2.55
ANR5020M3R3A	3.3	0.042	46	2.47	3.25
ANR5020M3R6A	3.6	0.043	43	2.5	2.8
ANR5020M3R9A	3.9	0.043	40	2.5	2.3
ANR5020M4R3A	4.3	0.057	37	2.2	2.5
ANR5020M4R7A	4.7	0.057	33	2.2	2.5
ANR5020M5R1A	5.1	0.064	32	2.05	2.25
ANR5020M5R6A	5.6	0.064	32	2.05	2.3
ANR5020M6R8A	6.8	0.084	30	1.75	1.85
ANR5020M7R5A	7.5	0.09	26	1.75	1.85
ANR5020M8R2A	8.2	0.098	26	1.65	1.85
ANR5020M9R1A	9.1	0.11	24	1.55	1.7
ANR5020M100A	10	0.106	24	1.55	1.79
ANR5020M120A	12	0.14	22	1.4	1.5
ANR5020M150A	15	0.159	20	1.29	1.48
ANR5020M180A	18	0.2	16	1.15	1.25
ANR5020M220A	22	0.226	16	1.08	1.15
ANR5020M330A	33	0.356	13	0.85	1
ANR5020M470A	47	0.505	11	0.72	0.83

ANR Series

Part Number	Inductance (μH) @100KHz/1V	DC Resistance (Ω) ±30%	Self-resonant Frequency (MHz) Min.	Heat Rating Current Irms (A) Max.	Saturation Current Isat (A) Max.
ANR5020M560A	56	0.63	6	0.7	0.77
ANR5020M680A	68	0.852	8.8	0.55	0.72
ANR5020M820A	82	0.89	6	0.5	0.65
ANR5020M101A	100	1.021	6	0.5	0.59
ANR5040NR47A	0.47	0.007	171	6.6	10
ANR5040M1R0A	1	0.012	117	4.9	7.35
ANR5040M1R2A	1.2	0.016	110	4.15	6.5
ANR5040M1R5A	1.5	0.015	60	4.58	6.3
ANR5040M1R8A	1.8	0.016	55	4.15	5.5
ANR5040M2R2A	2.2	0.019	42	4.07	4.9
ANR5040M2R7A	2.7	0.022	37	3.6	4.3
ANR5040M3R0A	3	0.022	37	3.6	4.15
ANR5040M3R3A	3.3	0.024	32	3.4	3.95
ANR5040M3R6A	3.6	0.026	30	3.3	3.8
ANR5040M3R9A	3.9	0.027	29	3.2	3.55
ANR5040M4R7A	4.7	0.03	28	3.19	3.5
ANR5040M5R6A	5.6	0.035	27	2.8	3
ANR5040M6R8A	6.8	0.041	21	2.5	2.9
ANR5040M8R2A	8.2	0.048	20	2.3	2.7
ANR5040M100A	10	0.06	18	2.16	2.35
ANR5040M120A	12	0.077	14	2	2.2
ANR5040M150A	15	0.085	13	2	2.37
ANR5040M180A	18	0.119	12	1.45	1.7
ANR5040M220A	22	0.129	9	1.5	1.6
ANR5040M270A	27	0.188	9.8	1.1	1.52
ANR5040M330A	33	0.184	7	1.2	1.3
ANR5040M470A	47	0.272	6	1	1.1
ANR5040M510A	51	0.38	6	1	1
ANR5040M560A	56	0.38	6	0.8	1.05
ANR5040M680A	68	0.4	6	0.8	0.9
ANR5040M750A	75	0.45	6	0.72	0.85
ANR5040M101A	100	0.56	5	0.7	0.75

ANR Series

Part Number	Inductance (μH) @100KHz/1V	DC Resistance (Ω) ±30%	Self-resonant Frequency (MHz) Min.	Heat Rating Current Irms (A) Max.	Saturation Current Isat (A) Max.
ANR5040M151A	150	0.75	3.7	0.6	0.65
ANR5040M221A	220	1.8	3	0.4	0.48
ANR5040M331A	330	2.1	2.7	0.4	0.42
ANR5045N1R5A	1.5	0.017	78	5.2	7.4
ANR5045M2R2A	2.2	0.022	50	4.7	6.4
ANR5045M3R3A	3.3	0.027	36	4.2	6.4
ANR6020NR50A	0.5	0.012	130	4.17	5.05
ANR6020NR68A	0.68	0.016	120	3.91	7.73
ANR6020NR82A	0.82	0.016	110	3.91	6.8
ANR6020M1R0A	1	0.019	94	3.35	4.27
ANR6020M1R2A	1.2	0.021	88	3.3	6.08
ANR6020M1R5A	1.5	0.021	79	3.3	4.38
ANR6020M1R8A	1.8	0.027	68	2.83	5
ANR6020M2R0A	2	0.033	64	2.52	4.43
ANR6020M2R2A	2.2	0.027	61	2.83	3.86
ANR6020M2R7A	2.7	0.033	56	2.68	4.02
ANR6020M3R3A	3.3	0.033	51	2.68	3.24
ANR6020M3R9A	3.9	0.047	46	2.16	3.35
ANR6020M4R3A	4.3	0.047	44	2.16	2.78
ANR6020M4R7A	4.7	0.056	41	2.06	3.09
ANR6020M5R6A	5.6	0.056	36	1.96	2.47
ANR6020M6R2A	6.2	0.076	35	1.85	2.37
ANR6020M6R8A	6.8	0.076	31	1.85	2.27
ANR6020M8R2A	8.2	0.101	28	1.44	2.16
ANR6020M100A	10	0.101	27	1.44	1.8
ANR6020M120A	12	0.116	23	1.39	1.75
ANR6020M150A	15	0.139	21	1.24	1.55
ANR6020M180A	18	0.168	19	1.13	1.27
ANR6020M220A	22	0.196	16	1.03	1.29
ANR6020M330A	33	0.3	11	0.84	0.95
ANR6020M470A	47	0.43	10	0.8	0.7
ANR6028NR82A	0.82	0.012	97	5.2	6.5
ANR6028M1R0A	1	0.01	70	5.2	5.75
ANR6028M1R2A	1.2	0.013	69	4.58	6.4

ANR Series

Part Number	Inductance (μH) @100KHz/1V	DC Resistance (Ω) ±30%	Self-resonant Frequency (MHz) Min.	Heat Rating Current Irms (A) Max.	Saturation Current Isat (A) Max.
ANR6028M1R5A	1.5	0.012	65	4.72	6.18
ANR6028M2R2A	2.2	0.018	56	4.21	5.25
ANR6028M2R7A	2.7	0.019	48	3.86	3.91
ANR6028M3R3A	3.3	0.024	41	3.58	3.74
ANR6028M4R7A	4.7	0.029	35	3.17	3.09
ANR6028M5R1A	5.1	0.033	33	2.98	3.66
ANR6028M6R2A	6.2	0.039	30	2.66	3.14
ANR6028M6R8A	6.8	0.045	27	2.47	2.94
ANR6028M8R2A	8.2	0.053	24	2.32	2.68
ANR6028M9R1A	9.1	0.058	24	2.21	2.63
ANR6028M100A	10	0.069	23	2.01	2.1
ANR6028M120A	12	0.077	18	1.91	1.85
ANR6028M150A	15	0.12	18	1.49	1.8
ANR6028M180A	18	0.116	15	1.49	1.57
ANR6028M220A	22	0.135	14	1.44	1.65
ANR6028M270A	27	0.149	13	1.36	1.55
ANR6028M330A	33	0.2	12	1.26	1.39
ANR6028M360A	36	0.207	11	1.16	1.29
ANR6028M390A	39	0.216	11	1.13	1.29
ANR6028M430A	43	0.226	11	1.1	1.24
ANR6028M470A	47	0.315	9.5	1.09	1.18
ANR6028M510A	51	0.255	9.5	1.04	1.08
ANR6028M560A	56	0.345	8.2	0.89	1.05
ANR6028M620A	62	0.332	7.7	0.92	0.98
ANR6028M680A	68	0.347	7.7	0.89	0.98
ANR6028M750A	75	0.395	7.7	0.83	0.93
ANR6028M820A	82	0.428	7.7	0.8	0.93
ANR6028M910A	91	0.486	7.7	0.75	0.82
ANR6028M101A	100	0.524	7.1	0.72	0.77
ANR6045NR47A	0.47	0.006	155	6.5	15
ANR6045NR56A	0.56	0.006	142	6.5	14
ANR6045NR68A	0.68	0.006	99	5.7	11
ANR6045NR82A	0.82	0.007	140	6.08	10.71
ANR6045N1R0A	1	0.01	100	5.29	10.15

ANR Series

Part Number	Inductance (μH) @100KHz/1V	DC Resistance (Ω) ±30%	Self-resonant Frequency (MHz) Min.	Heat Rating Current Irms (A) Max.	Saturation Current Isat (A) Max.
ANR6045M1R2A	1.2	0.01	100	5.56	8.6
ANR6045M1R3A	1.3	0.01	100	5.4	8.35
ANR6045M1R5A	1.5	0.011	65	5.1	9.06
ANR6045M1R8A	1.8	0.011	74	5.1	7.83
ANR6045N2R2A	2.2	0.014	52	4.74	6.95
ANR6045M2R3A	2.3	0.02	60	3.61	6.18
ANR6045M2R7A	2.7	0.02	38	4.43	5.92
ANR6045M3R0A	3	0.019	35	3.91	5.77
ANR6045M3R3A	3.3	0.02	32	3.81	6.08
ANR6045M3R6A	3.6	0.02	28	3.81	5.41
ANR6045M4R3A	4.3	0.021	23	3.61	4.58
ANR6045M4R5A	4.5	0.026	24	3.3	4.97
ANR6045M4R7A	4.7	0.024	24	3.4	5.12
ANR6045M5R1A	5.1	0.024	23	3.4	4.53
ANR6045M5R6A	5.6	0.027	23	3.24	4.27
ANR6045M6R2A	6.2	0.03	26	3.09	4.56
ANR6045M6R3A	6.3	0.031	26	3	4.43
ANR6045M6R8A	6.8	0.03	20	3.09	4.02
ANR6045M7R5A	7.5	0.033	18	2.99	3.61
ANR6045M8R2A	8.2	0.041	21	2.68	4.02
ANR6045M9R1A	9.1	0.041	17	2.68	3.45
ANR6045M100A	10	0.046	15	2.52	3.3
ANR6045M120A	12	0.056	13	2.27	2.88
ANR6045M150A	15	0.065	12	2.11	2.58
ANR6045M180A	18	0.078	10	1.91	2.27
ANR6045M220A	22	0.11	10	1.85	2.11
ANR6045M270A	27	0.098	9.2	1.7	1.96
ANR6045M300A	30	0.127	7.8	1.55	1.75
ANR6045M330A	33	0.137	7.8	1.49	1.7
ANR6045M360A	36	0.166	7.8	1.44	1.67
ANR6045M390A	39	0.173	7.8	1.29	1.55
ANR6045M430A	43	0.193	7.7	1.24	1.68
ANR6045M470A	47	0.193	6.4	1.24	1.44
ANR6045M510A	51	0.199	6.4	1.18	1.39

ANR Series

Part Number	Inductance (μH) @100KHz/1V	DC Resistance (Ω) ±30%	Self-resonant Frequency (MHz) Min.	Heat Rating Current Irms (A) Max.	Saturation Current Isat (A) Max.
ANR6045M560A	56	0.25	6.4	1.13	1.34
ANR6045M620A	62	0.226	6.4	1.13	1.29
ANR6045M680A	68	0.278	6.4	1.03	1.24
ANR6045M750A	75	0.293	5	0.98	1.18
ANR6045M820A	82	0.328	4.9	0.93	1.08
ANR6045M910A	91	0.345	4.9	0.88	1.03
ANR6045M101A	100	0.416	4.2	0.82	0.98
ANR6045M121A	120	0.466	4.2	0.79	0.88
ANR6045M151A	150	0.559	4.2	0.72	0.82
ANR6045M221A	220	0.803	3.5	0.61	0.72
ANR6045M331A	330	1.27	2.8	0.59	0.59
ANR6045M471A	470	2.6	2.1	0.2	0.2
ANR6055M3R3A	3.3	0.019	32	3.99	6.07
ANR6055M4R7A	4.7	0.024	24	3.63	4.95
ANR6055M6R8A	6.8	0.026	20	3.53	3.94
ANR6055M8R2A	8.2	0.037	21	2.93	3.93
ANR6055M100A	10	0.041	15	2.73	3.34
ANR6055M150A	15	0.056	12	2.37	2.56
ANR6055M220A	22	0.076	10	2.03	2.27
ANR6055M330A	33	0.13	7.8	1.56	1.66
ANR6055M470A	47	0.193	6.4	1.26	1.62
ANR6055M680A	68	0.271	6.4	1.02	1.26
ANR6055M101A	100	0.333	4.2	0.96	1.06
ANR6055M151A	150	0.527	4.2	0.76	0.92
ANR6055M221A	220	0.796	3.5	0.61	0.71
ANR6055M331A	330	1.232	2.8	0.5	0.57
ANR8040NR82A	0.82	0.007	94	6.49	14.21
ANR8040M1R0A	1	0.007	89	6.49	10.15
ANR8040M1R2A	1.2	0.01	59	5.65	10
ANR8040M1R5A	1.5	0.01	67	5.82	8.39
ANR8040M2R0A	2	0.011	43	5.3	9.53
ANR8040M2R2A	2.2	0.011	41	5.3	7.31
ANR8040M3R0A	3	0.013	32	4.84	6.28
ANR8040M3R3A	3.3	0.016	27	4.53	6.7

ANR Series

Part Number	Inductance (μH) @100KHz/1V	DC Resistance (Ω) ±30%	Self-resonant Frequency (MHz) Min.	Heat Rating Current Irms (A) Max.	Saturation Current Isat (A) Max.
ANR8040M3R6A	3.6	0.016	30	4.48	7.75
ANR8040M3R9A	3.9	0.016	26	4.48	5.92
ANR8040M4R7A	4.7	0.018	24	4.22	6.08
ANR8040M5R1A	5.1	0.018	22	4.17	4.84
ANR8040M5R6A	5.6	0.02	24	3.97	6.18
ANR8040M6R2A	6.2	0.02	20	3.97	4.58
ANR8040M6R8A	6.8	0.023	20	3.71	4.69
ANR8040M8R2A	8.2	0.024	17	3.55	4.33
ANR8040M100A	10	0.0285	15	3.3	3.71
ANR8040M120A	12	0.041	13	2.8	3.5
ANR8040M150A	15	0.045	12	2.68	3.04
ANR8040M180A	18	0.05	11	2.47	2.78
ANR8040M220A	22	0.066	9.5	2.16	2.47
ANR8040M270A	27	0.075	9.2	2.06	2.21
ANR8040M330A	33	0.097	7.8	1.85	2.11
ANR8040M360A	36	0.098	7.8	1.8	2.06
ANR8040M390A	39	0.103	7.8	1.75	2.01
ANR8040M430A	43	0.108	7.8	1.7	1.96
ANR8040M470A	47	0.13	6.4	1.6	1.8
ANR8040M510A	51	0.136	6.4	1.55	1.75
ANR8040M560A	56	0.148	6.4	1.49	1.6
ANR8040M620A	62	0.175	6.4	1.34	1.55
ANR8040M680A	68	0.188	4.9	1.29	1.49
ANR8040M750A	75	0.203	4.9	1.24	1.39
ANR8040M820A	82	0.225	5.9	1.18	1.34
ANR8040M910A	91	0.261	4.9	1.08	1.24
ANR8040M101A	100	0.279	4.2	1.03	1.18
ANR8040M121A	120	0.321	3.5	0.98	1.08
ANR8040M151A	150	0.41	3.5	0.88	1.13
ANR8040M181A	180	0.52	3.5	0.83	0.95
ANR8040M221A	220	0.576	3.5	0.82	0.88
ANR8040M331A	330	0.856	2.8	0.64	0.7
ANR8040M471A	470	1.5	2.1	0.54	0.6
ANR8040M561A	560	2	1.6	0.3	0.3

ANR Series

Part Number	Inductance (μH) @100KHz/1V	DC Resistance (Ω) ±30%	Self-resonant Frequency (MHz) Min.	Heat Rating Current Irms (A) Max.	Saturation Current Isat (A) Max.
ANR8040M681A	680	2.2	1.2	0.25	0.25
ANR8040M821A	820	3	0.8	0.2	0.2
ANR8040M102A	1000	4	0.5	0.15	0.15
ANR8065MR68A	0.68	0.006	100	7.65	24.5
ANR8065M1R0A	1	0.008	96	7.13	20.3
ANR8065M2R2A	2.2	0.012	45	4.56	12.2
ANR8065M3R3A	3.3	0.013	27	5.25	9.78
ANR8065M4R7A	4.7	0.016	18	4.84	8.75
ANR8065M5R6A	5.6	0.02	17	4.63	8.24
ANR8065M6R8A	6.8	0.02	16	4.63	7.72
ANR8065M8R2A	8.2	0.023	15	4.32	7.21
ANR8065M100A	10	0.033	13	3.26	8.15
ANR8065M150A	15	0.04	10	3.35	5.8
ANR8065M220A	22	0.055	8	2.76	4.42
ANR8065M470A	47	0.11	7	1.88	3.46
ANR8065M560A	56	0.15	6	1.38	3.25
ANR8065M680A	68	0.16	5	1.57	2.4
ANR8065M101A	100	0.21	3.1	1.37	2.03
ANR8065M151A	150	0.33	2.5	0.97	1.63
ANR8065M221A	220	0.49	2	0.81	1.22
ANR8065M331A	330	0.64	1.7	0.77	1.03
ANR8065M431A	430	0.9	1.5	0.62	0.97
ANR8065M471A	470	1.15	1.4	0.56	1.02
ANR8065M681A	680	1.48	1	0.52	0.87
ANR8065M102A	1000	2.15	1.1	0.41	0.66
ANR8065M152A	1500	3.34	0.7	0.33	0.55
ANR8065M222A	2200	4.6	0.7	0.27	0.46
ANR8065M332A	3300	6.7	0.7	0.24	0.36