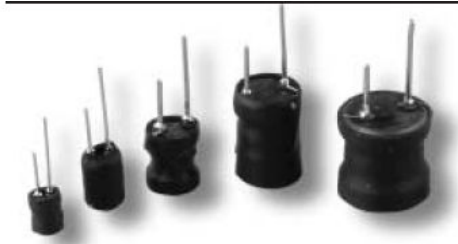
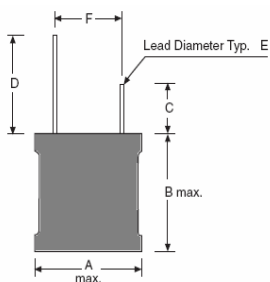


Radial power Chokes AMRL series



Characteristics	
Operating temperature	-55°C to +125°C
Inductance tolerance	K=±/ - 10%, M=±/ -20%
Testing (Equivalent acceptable)	L measured on CH-100 1KHz IDC : CH-301 current source & DCR meter RDC : CH-301 current source & DCR meter
Saturation Current	Based on the inductance change within 5% of initial value and temperature rise of initial value less than 30 degree C within coil body.
Marking	Inductance code

PART NUMBER	A (+/-0.050")	B (+/-0.050")	C (+/-0.050")	D (+/-0.050")	E (+/-0.050")	F (+/-0.050")
AMRL1	0.225	0.290	0.375	0.625	0.020	0.080
AMRL2	0.275	0.365	0.375	0.625	0.025	0.138
AMRL3	0.375	0.450	0.375	0.625	0.032	0.197
AMRL4	0.450	0.710	0.375	0.625	0.032	0.290
AMRL5	0.625	0.700	0.375	0.625	0.040	0.300



PART NUMBER	L (uH)	DCR (Ohms) Max	Saturation Current DC (Amps) 5% Drop	Rated Current (Amps)
AMRL1-3R9K	3.9	0.030	1.50	0.800
AMRL1-4R7K	4.7	0.034	1.35	0.800
AMRL1-5R6K	5.6	0.036	1.25	0.800
AMRL1-6R8K	6.8	0.040	1.15	0.800
AMRL1-8R2K	8.2	0.054	1.00	0.620
AMRL1-100K	10	0.060	0.920	0.620
AMRL1-120K	12	0.072	0.840	0.620
AMRL1-150K	15	0.078	0.770	0.620
AMRL1-180K	18	0.108	0.720	0.490
AMRL1-220K	22	0.144	0.660	0.385
AMRL1-270K	27	0.168	0.600	0.300
AMRL1-330K	33	0.200	0.540	0.300
AMRL1-390K	39	0.220	0.470	0.300
AMRL1-470K	47	0.240	0.430	0.300
AMRL1-560K	56	0.265	0.390	0.300
AMRL1-680K	68	0.380	0.360	0.250
AMRL1-820K	82	0.445	0.330	0.250
AMRL1-101K	100	0.590	0.300	0.190
AMRL1-121K	120	0.640	0.270	0.190
AMRL1-151K	150	0.730	0.245	0.190
AMRL1-181K	180	0.850	0.220	0.190
AMRL1-221K	220	1.20	0.190	0.150
AMRL1-271K	270	1.32	0.180	0.150
AMRL1-331K	330	1.75	0.165	0.120
AMRL1-391K	390	1.95	0.150	0.120
AMRL1-471K	470	2.00	0.140	0.120
AMRL1-561K	560	2.90	0.125	0.095
AMRL1-681K	680	3.10	0.110	0.095
AMRL1-821K	820	4.30	0.100	0.076
AMRL1-102K	1000	5.50	0.092	0.060
AMRL1-122K	1200	6.30	0.082	0.060
AMRL1-152K	1500	7.20	0.075	0.060
AMRL1-182K	1800	9.60	0.068	0.046
AMRL1-222K	2200	11.5	0.062	0.046
AMRL1-272K	2700	13.0	0.054	0.046
AMRL1-332K	3300	17.0	0.049	0.036
AMRL1-392K	3900	19.0	0.045	0.036
AMRL1-472K	4700	24.0	0.043	0.030
AMRL1-562K	5600	29.0	0.040	0.030
AMRL1-682K	6800	42.0	0.037	0.024
AMRL1-822K	8200	60.0	0.035	0.018
AMRL1-103K	10000	70.0	0.034	0.018
AMRL1-123K	12000	75.0	0.033	0.018
AMRL1-153K	15000	110.0	0.031	0.015
AMRL1-183K	18000	125.0	0.029	0.015
AMRL1-223K	22000	135.0	0.018	0.015



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PART NUMBER	L (uH)	DCR (Ohms) Max	Saturation Current DC (Amps) 5%Drop	Rated Current (Amps)
AMRL2-1R0M	1.0	0.0086	7.30	6.20
AMRL2-1R2M	1.2	0.0100	6.60	5.20
AMRL2-1R5M	1.5	0.0132	5.70	4.80
AMRL2-2R2M	2.2	0.0147	5.70	4.10
AMRL2-2R7M	2.7	0.0165	5.00	3.80
AMRL2-3R3M	3.3	0.0185	4.90	3.50
AMRL2-3R9M	3.9	0.020	2.70	1.30
AMRL2-4R7M	4.7	0.022	2.50	1.30
AMRL2-5R6M	5.6	0.027	2.30	1.30
AMRL2-6R8M	6.8	0.029	2.10	1.30
AMRL2-8R2M	8.2	0.036	1.90	1.30
AMRL2-100K	10	0.041	1.70	1.30
AMRL2-120K	12	0.046	1.55	1.30
AMRL2-150K	15	0.050	1.40	1.30
AMRL2-180K	18	0.062	1.30	1.00
AMRL2-220K	22	0.071	1.20	1.00
AMRL2-270K	27	0.073	1.10	1.00
AMRL2-330K	33	0.090	0.920	0.800
AMRL2-390K	39	0.102	0.840	0.800
AMRL2-470K	47	0.120	0.760	0.800
AMRL2-560K	56	0.162	0.700	0.620
AMRL2-680K	68	0.186	0.660	0.620
AMRL2-820K	82	0.240	0.580	0.490
AMRL2-101K	100	0.270	0.530	0.490
AMRL2-121K	120	0.310	0.460	0.490
AMRL2-151K	150	0.372	0.440	0.490
AMRL2-181K	180	0.456	0.390	0.385
AMRL2-221K	220	0.535	0.350	0.385
AMRL2-271K	270	0.625	0.320	0.385
AMRL2-331K	330	0.816	0.300	0.300
AMRL2-391K	390	1.0	0.280	0.250
AMRL2-471K	470	1.2	0.240	0.250
AMRL2-561K	560	1.3	0.225	0.250
AMRL2-681K	680	1.8	0.210	0.190
AMRL2-821K	820	2.1	0.190	0.190
AMRL2-102K	1000	3.0	0.165	0.150
AMRL2-122K	1200	3.3	0.155	0.150
AMRL2-152K	1500	3.5	0.135	0.150
AMRL2-182K	1800	5.7	0.125	0.120
AMRL2-222K	2200	6.2	0.115	0.095
AMRL2-272K	2700	7.6	0.105	0.095
AMRL2-332K	3300	8.5	0.096	0.095
AMRL2-392K	3900	10.3	0.084	0.076
AMRL2-472K	4700	11.3	0.076	0.076
AMRL2-562K	5600	13.0	0.070	0.076
AMRL2-682K	6800	17.0	0.064	0.060
AMRL2-822K	8200	20.0	0.057	0.060
AMRL2-103K	10000	27.0	0.053	0.046
AMRL2-123K	12000	31.0	0.047	0.046
AMRL2-153K	15000	45.0	0.043	0.036
AMRL2-183K	18000	51.0	0.038	0.036
AMRL2-223K	22000	60.0	0.035	0.030
AMRL2-273K	27000	66.0	0.033	0.030
AMRL2-333K	33000	100.0	0.029	0.030



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PART NUMBER	L (uH)	DCR (Ohms) Max	Saturation Current DC (Amps) 5%Drop	Rated Current (Amps)
AMRL3-3R9K	3.9	0.022	6.80	1.60
AMRL3-4R7K	4.7	0.024	6.20	1.60
AMRL3-5R6K	5.6	0.025	5.60	1.60
AMRL3-6R8K	6.8	0.028	5.10	1.60
AMRL3-8R2K	8.2	0.030	4.60	1.60
AMRL3-100K	10	0.034	4.20	1.60
AMRL3-120K	12	0.038	3.80	1.60
AMRL3-150K	15	0.043	3.30	1.60
AMRL3-180K	18	0.049	3.10	1.60
AMRL3-220K	22	0.054	2.70	1.60
AMRL3-270K	27	0.059	2.50	1.60
AMRL3-330K	33	0.066	2.30	1.60
AMRL3-390K	39	0.078	2.20	1.60
AMRL3-470K	47	0.102	1.90	1.30
AMRL3-560K	56	0.138	1.60	1.00
AMRL3-680K	68	0.168	1.45	1.00
AMRL3-820K	82	0.174	1.30	1.00
AMRL3-101K	100	0.180	1.20	1.00
AMRL3-121K	120	0.234	1.10	0.800
AMRL3-151K	150	0.276	1.00	0.800
AMRL3-181K	180	0.300	0.920	0.800
AMRL3-221K	220	0.353	0.860	0.800
AMRL3-271K	270	0.500	0.760	0.620
AMRL3-331K	330	0.635	0.700	0.490
AMRL3-391K	390	0.720	0.650	0.490
AMRL3-471K	470	0.816	0.600	0.490
AMRL3-561K	560	1.03	0.540	0.385
AMRL3-681K	680	1.20	0.510	0.385
AMRL3-821K	820	1.54	0.450	0.300
AMRL3-102K	1000	2.16	0.390	0.246
AMRL3-122K	1200	2.40	0.360	0.246
AMRL3-152K	1500	2.76	0.340	0.246
AMRL3-182K	1800	3.60	0.300	0.190
AMRL3-222K	2200	4.00	0.245	0.190
AMRL3-272K	2700	6.00	0.238	0.150
AMRL3-332K	3300	6.72	0.225	0.150
AMRL3-392K	3900	8.80	0.200	0.120
AMRL3-472K	4700	11.00	0.185	0.095
AMRL3-562K	5600	13.20	0.170	0.095
AMRL3-682K	6800	14.50	0.150	0.095
AMRL3-822K	8200	16.55	0.140	0.095
AMRL3-103K	10000	20.40	0.130	0.076
AMRL3-123K	12000	24.00	0.120	0.076
AMRL3-153K	15000	27.60	0.100	0.076
AMRL3-183K	18000	37.20	0.096	0.060
AMRL3-223K	22000	42.00	0.088	0.060
AMRL3-273K	27000	58.80	0.082	0.046
AMRL3-333K	33000	64.80	0.074	0.046
AMRL3-393K	39000	72.00	0.064	0.046
AMRL3-473K	47000	94.20	0.046	0.036
AMRL3-563K	56000	105.00	0.043	0.036
AMRL3-683K	68000	115.00	0.040	0.036



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PART NUMBER	L (uH)	DCR (Ohms) Max	Saturation Current DC (Amps) 5%Drop	Rated Current (Amps)
AMRL4-3R9K	3.9	0.016	14.20	2.60
AMRL4-4R7K	4.7	0.018	13.00	2.60
AMRL4-5R6K	5.6	0.021	11.00	2.60
AMRL4-6R8K	6.8	0.023	10.00	2.60
AMRL4-8R2K	8.2	0.026	9.50	2.60
AMRL4-100K	10	0.031	8.80	2.60
AMRL4-120K	12	0.036	7.90	2.60
AMRL4-150K	15	0.040	7.40	2.60
AMRL4-180K	18	0.041	7.10	2.60
AMRL4-220K	22	0.043	6.10	2.60
AMRL4-270K	27	0.046	5.50	2.60
AMRL4-330K	33	0.051	5.20	2.60
AMRL4-390K	39	0.054	4.10	2.60
AMRL4-470K	47	0.063	4.50	2.60
AMRL4-560K	56	0.075	3.80	2.60
AMRL4-680K	68	0.078	3.50	2.60
AMRL4-820K	82	0.088	3.10	2.60
AMRL4-101K	100	0.108	2.80	2.00
AMRL4-121K	120	0.127	2.60	2.00
AMRL4-151K	150	0.162	2.40	1.60
AMRL4-181K	180	0.228	2.10	1.30
AMRL4-221K	220	0.252	1.90	1.30
AMRL4-271K	270	0.270	1.75	1.30
AMRL4-331K	330	0.394	1.62	1.00
AMRL4-391K	390	0.416	1.40	1.00
AMRL4-471K	470	0.568	1.30	0.800
AMRL4-561K	560	0.650	1.20	0.800
AMRL4-681K	680	0.740	1.10	0.800
AMRL4-821K	820	1.00	0.960	0.620
AMRL4-102K	1000	1.20	0.880	0.490
AMRL4-122K	1200	1.50	0.800	0.490
AMRL4-152K	1500	1.70	0.720	0.490
AMRL4-182K	1800	1.80	0.660	0.385
AMRL4-222K	2200	2.40	0.600	0.385
AMRL4-272K	2700	2.80	0.540	0.385
AMRL4-332K	3300	3.70	0.480	0.300
AMRL4-392K	3900	5.00	0.420	0.250
AMRL4-472K	4700	5.60	0.400	0.250
AMRL4-562K	5600	6.30	0.370	0.250
AMRL4-682K	6800	8.40	0.340	0.190
AMRL4-822K	8200	9.60	0.310	0.190
AMRL4-103K	10000	10.5	0.285	0.190
AMRL4-123K	12000	14.5	0.245	0.150
AMRL4-153K	15000	20.5	0.225	0.120
AMRL4-183K	18000	27.5	0.185	0.095
AMRL4-223K	22000	31.0	0.170	0.095
AMRL4-273K	27000	35.5	0.155	0.095
AMRL4-333K	33000	40.0	0.145	0.095
AMRL4-393K	39000	51.0	0.135	0.095
AMRL4-473K	47000	56.0	0.130	0.095
AMRL4-563K	56000	77.0	0.120	0.060
AMRL4-683K	68000	84.0	0.110	0.060
AMRL4-823K	82000	115.0	0.074	0.046
AMRL4-104K	100000	130.0	0.068	0.046



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PART NUMBER	L (uH)	DCR (Ohms) Max	Saturation Current DC (Amps) 5%Drop	Rated Current (Amps)
AMRL5-3R9K	3.9	0.009	9.70	4.0
AMRL5-4R7K	4.7	0.010	8.50	4.0
AMRL5-5R6K	5.6	0.011	7.60	4.0
AMRL5-6R8K	6.8	0.012	7.20	4.0
AMRL5-8R2K	8.2	0.013	6.60	4.0
AMRL5-100K	10	0.015	5.90	4.0
AMRL5-120K	12	0.016	5.50	4.0
AMRL5-150K	15	0.017	5.00	4.0
AMRL5-180K	18	0.019	4.60	4.0
AMRL5-220K	22	0.021	4.10	4.0
AMRL5-270K	27	0.023	3.70	4.0
AMRL5-330K	33	0.027	3.30	4.0
AMRL5-390K	39	0.029	3.00	4.0
AMRL5-470K	47	0.031	2.70	4.0
AMRL5-560K	56	0.035	2.50	4.0
AMRL5-680K	68	0.041	2.40	4.0
AMRL5-820K	82	0.052	2.30	4.0
AMRL5-101K	100	0.056	2.10	4.0
AMRL5-121K	120	0.060	1.90	3.3
AMRL5-151K	150	0.078	1.60	3.3
AMRL5-181K	180	0.096	1.45	3.3
AMRL5-221K	220	0.147	1.30	2.6
AMRL5-271K	270	0.175	1.20	2.6
AMRL5-331K	330	0.192	1.10	2.0
AMRL5-391K	390	0.210	1.00	2.0
AMRL5-471K	470	0.240	0.900	2.0
AMRL5-561K	560	0.315	0.840	1.60
AMRL5-681K	680	0.360	0.780	1.60
AMRL5-821K	820	0.460	0.640	1.30
AMRL5-102K	1000	0.540	0.575	1.30
AMRL5-122K	1200	0.660	0.560	1.30
AMRL5-152K	1500	0.780	0.520	1.00
AMRL5-182K	1800	0.900	0.480	1.00
AMRL5-222K	2200	1.20	0.440	0.800
AMRL5-272K	2700	1.32	0.400	0.800
AMRL5-332K	3300	1.80	0.360	0.620
AMRL5-392K	3900	2.10	0.330	0.620
AMRL5-472K	4700	2.70	0.300	0.490
AMRL5-562K	5600	3.15	0.280	0.490
AMRL5-682K	6800	3.60	0.240	0.490
AMRL5-822K	8200	4.30	0.215	0.385
AMRL5-103K	10000	5.15	0.195	0.385
AMRL5-123K	12000	5.85	0.180	0.385
AMRL5-153K	15000	8.30	0.165	0.300
AMRL5-183K	18000	10.20	0.145	0.250
AMRL5-223K	22000	11.70	0.135	0.250
AMRL5-273K	27000	13.60	0.120	0.250
AMRL5-333K	33000	18.40	0.105	0.190
AMRL5-393K	39000	21.0	0.096	0.190
AMRL5-473K	47000	27.0	0.084	0.150
AMRL5-563K	56000	30.0	0.078	0.150
AMRL5-683K	68000	34.0	0.072	0.150
AMRL5-823K	82000	51.0	0.066	0.120
AMRL5-104K	100000	64.0	0.060	0.095
AMRL5-124K	120000	72.0	0.054	0.095
AMRL5-154K	150000	84.0	0.050	0.095
AMRL5-184K	180000	106.0	0.044	0.076
AMRL5-224K	220000	120.0	0.041	0.076
AMRL5-274K	270000	174.0	0.039	0.060



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