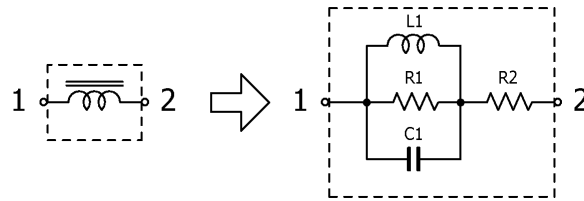


Inductors

July 12, 2016
Simple Model

Commercial Grade (Inductors for Power Circuits) / VLF series (1/3)

Circuit Diagram



Circuit Parameters

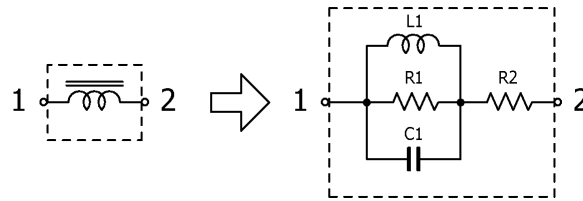
Part No.	L1[μH]	R1[ohm]	C1[pF]	R2[ohm]
VLF3010AT-1R5N1R2	1.5	2,600	0.446	0.0680
VLF3012AT-1R5N1R2	1.5	2,500	0.585	0.0590
VLF3010AT-2R2M1R0	2.2	3,400	0.645	0.1000
VLF3012AT-2R2M1R0	2.2	4,100	0.377	0.0880
VLF3010AT-3R3MR87	3.3	4,900	0.483	0.1500
VLF3012AT-3R3MR87	3.3	3,900	1.049	0.1100
VLF3010AT-4R7MR70	4.7	6,900	1.189	0.2400
VLF3012AT-4R7MR74	4.7	5,500	0.945	0.1600
VLF3010AT-6R8MR61	6.8	8,000	0.896	0.3400
VLF3012AT-6R8MR59	6.8	8,100	0.758	0.2300
VLF3010AT-100MR49	10	9,300	1.624	0.5800
VLF3012AT-100MR49	10	10,000	1.710	0.3600
VLF3010AT-150MR40	15	13,000	1.094	0.7500
VLF3012AT-150MR41	15	12,000	2.096	0.5400
VLF3010AT-220MR33	22	18,000	1.580	1.3000
VLF3012AT-220MR33	22	17,000	2.743	0.6600
VLF3012AT-330MR27	33	30,000	2.810	1.1000
VLF3012AT-470MR22	47	39,000	3.078	1.9000
VLF3012ST-1R0N2R0	1	1,400	1.030	0.0320
VLF3012ST-2R2M1R4	2.2	3,100	1.304	0.0600
VLF3012ST-3R3M1R1	3.3	4,400	1.142	0.0900
VLF3012ST-4R7MR91	4.7	8,300	1.334	0.1300
VLF3012ST-6R8MR78	6.8	8,500	2.041	0.1800
VLF3012ST-100MR59	10	13,000	2.071	0.2800
VLF3012ST-150MR49	15	23,000	2.124	0.4100
VLF3012ST-220MR43	22	23,000	2.556	0.6100
VLF4012ST-1R0N1R9	1	1,700	1.660	0.0450
VLF4014ST-1R0N2R3	1	1,500	1.405	0.0410
VLF4012ST-2R2M1R3	2.2	3,700	2.295	0.0970
VLF4014ST-2R2M1R9	2.2	3,600	1.859	0.0600
VLF4012ST-3R3M1R1	3.3	6,500	1.647	0.1300
VLF4014ST-3R3M1R6	3.3	5,700	1.646	0.0890
VLF4012ST-4R7M1R0	4.7	9,300	1.822	0.1600
VLF4014ST-4R7M1R4	4.7	8,000	2.130	0.1100
VLF4012ST-6R8MR80	6.8	12,000	2.622	0.2700
VLF4014ST-6R8M1R2	6.8	12,000	2.261	0.1600
VLF4012ST-100MR65	10	16,000	2.311	0.4100

Inductors

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Simple Model

Commercial Grade (Inductors for Power Circuits) / VLF series (2/3)

Circuit Diagram



Circuit Parameters

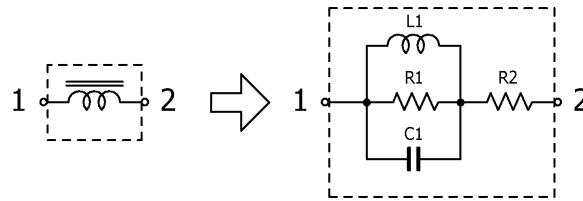
Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLF4014ST-100M1R0	10	17,000	2.033	0.2200
VLF5010ST-1R0N2R5	1	1,600	1.636	0.0450
VLF5012ST-1R0N2R5	1	1,900	1.485	0.0420
VLF5014ST-1R0N2R7	1	1,400	2.086	0.0410
VLF5010ST-2R2M2R0	2.2	3,800	2.128	0.0640
VLF5012ST-2R2M2R0	2.2	5,400	2.090	0.0690
VLF5014ST-2R2M2R3	2.2	3,500	2.306	0.0590
VLF5010ST-3R3M1R4	3.3	5,600	1.995	0.1300
VLF5012ST-3R3M1R7	3.3	5,900	2.061	0.0950
VLF5014ST-3R3M2R0	3.3	5,300	2.271	0.0770
VLF5010ST-4R7M1R3	4.7	9,000	1.514	0.1500
VLF5012ST-4R7M1R4	4.7	7,700	2.040	0.1300
VLF5014ST-4R7M1R7	4.7	8,700	2.254	0.0980
VLF5010ST-6R8M1R1	6.8	12,000	2.180	0.2000
VLF5012ST-6R8M1R2	6.8	12,000	2.217	0.1800
VLF5014ST-6R8M1R4	6.8	11,000	1.918	0.1600
VLF5010ST-100MR94	10	14,000	2.667	0.3100
VLF5012ST-100M1R0	10	17,000	2.503	0.2400
VLF5014ST-100M1R2	10	17,000	2.875	0.2100
VLF10040T-1R0N9R7	1	1,200	1.258	0.0043
VLF10045T-1R0N100	1	1,300	1.490	0.0046
VLF10040T-1R5N8R9	1.5	1,600	2.343	0.0051
VLF10045T-1R5N9R0	1.5	2,200	2.118	0.0057
VLF10040T-2R2N7R1	2.2	2,700	2.357	0.0079
VLF10045T-2R2N7R4	2.2	2,600	2.919	0.0085
VLF10040T-3R3N6R2	3.3	2,900	3.135	0.0105
VLF10045T-3R3N6R9	3.3	3,300	3.170	0.0097
VLF10040T-4R7N5R4	4.7	5,100	2.948	0.0127
VLF10045T-4R7N6R1	4.7	5,000	3.351	0.0125
VLF10040T-6R8N4R5	6.8	5,900	3.674	0.0198
VLF10045T-6R8N5R1	6.8	5,400	6.390	0.0178
VLF10040T-100M3R8	10	7,600	4.198	0.0280
VLF10045T-100M4R3	10	8,500	7.133	0.0250
VLF10040T-150M3R1	15	13,000	3.555	0.0360
VLF10045T-150M3R5	15	11,000	5.514	0.0373
VLF10040T-220M2R5	22	18,000	4.481	0.0500
VLF10045T-220M2R8	22	19,000	5.389	0.0495

Inductors

July 12, 2016
Simple Model

Commercial Grade (Inductors for Power Circuits) / VLF series (3/3)

Circuit Diagram



Circuit Parameters

Part No.	L1[μH]	R1[ohm]	C1[pF]	R2[ohm]
VLF10040T-330M2R1	33	21,000	5.068	0.0800
VLF10045T-330M2R3	33	31,000	6.088	0.0701
VLF10040T-470M1R7	47	28,000	4.667	0.1080
VLF10045T-470M1R9	47	40,000	7.038	0.0976
VLF10040T-680M1R4	68	39,000	4.379	0.1550
VLF10045T-680M1R6	68	60,000	7.324	0.1580
VLF10040T-101M1R2	100	47,000	4.816	0.2160
VLF10045T-101M1R3	100	62,000	7.149	0.2170
VLF10040T-151MR99	150	72,000	4.505	0.3430
VLF10045T-151M1R1	150	100,000	6.923	0.3060
VLF10040T-221MR81	220	110,000	3.919	0.4670
VLF10045T-221MR90	220	120,000	6.711	0.4340
VLF10040T-331MR67	330	130,000	4.330	0.7570
VLF10045T-331MR70	330	140,000	7.455	0.7210
VLF12060T-1R8N120	1.8	2,000	1.464	0.0036
VLF12060T-2R7N100	2.7	2,600	3.216	0.0053
VLF12060T-3R9N9R0	3.9	3,700	3.160	0.0070
VLF12060T-4R7N7R7	4.7	3,700	2.917	0.0096
VLF12060T-6R8N7R2	6.8	5,000	4.099	0.0109
VLF12060T-100M6R2	10	6,800	5.205	0.0139
VLF12060T-150M5R0	15	12,000	4.419	0.0223
VLF12060T-220M4R1	22	16,000	8.169	0.0314
VLF12060T-330M3R4	33	35,000	12.158	0.0461
VLF12060T-470M2R8	47	44,000	9.368	0.0622
VLF12060T-680M2R3	68	63,000	8.938	0.0875
VLF12060T-101M1R9	100	85,000	9.896	0.1324
VLF12060T-151M1R6	150	130,000	8.613	0.1871
VLF12060T-221M1R3	220	160,000	9.365	0.3068
VLF12060T-331M1R0	330	200,000	9.473	0.4040