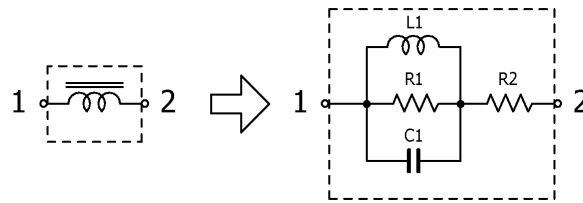


Inductors

Jan. 22, 2019
Simple Model

Commercial Grade for High Frequency Circuits / MHQ0402PSA series (1/5)

Circuit Diagram



Circuit Parameters

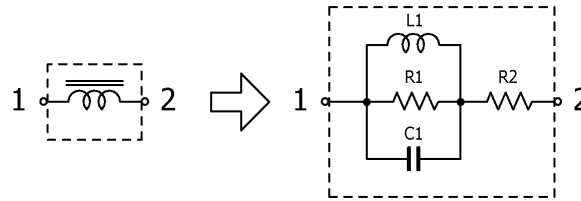
Part No.	L1[μH]	R1[ohm]	C1[pF]	R2[ohm]
MHQ0402PSA0N2BT000	0.0002	290	0.317	0.0206
MHQ0402PSA0N2CT000	0.0002	290	0.317	0.0206
MHQ0402PSA0N3BT000	0.0003	660	0.211	0.0052
MHQ0402PSA0N3CT000	0.0003	660	0.211	0.0052
MHQ0402PSA0N4BT000	0.0004	3,800	0.046	0.0089
MHQ0402PSA0N4CT000	0.0004	3,800	0.046	0.0089
MHQ0402PSA0N4ST000	0.0004	3,800	0.046	0.0089
MHQ0402PSA0N5BT000	0.0005	1,000	0.214	0.0110
MHQ0402PSA0N5CT000	0.0005	1,000	0.214	0.0110
MHQ0402PSA0N5ST000	0.0005	1,000	0.214	0.0110
MHQ0402PSA0N6BT000	0.0006	3,200	0.078	0.0208
MHQ0402PSA0N6CT000	0.0006	3,200	0.078	0.0208
MHQ0402PSA0N6ST000	0.0006	3,200	0.078	0.0208
MHQ0402PSA0N7BT000	0.0007	19,000	0.014	0.0214
MHQ0402PSA0N7CT000	0.0007	19,000	0.014	0.0214
MHQ0402PSA0N7ST000	0.0007	19,000	0.014	0.0214
MHQ0402PSA0N8BT000	0.0008	25,000	0.013	0.0241
MHQ0402PSA0N8CT000	0.0008	25,000	0.013	0.0241
MHQ0402PSA0N8ST000	0.0008	25,000	0.013	0.0241
MHQ0402PSA0N9BT000	0.0009	18,000	0.019	0.0267
MHQ0402PSA0N9CT000	0.0009	18,000	0.019	0.0267
MHQ0402PSA0N9ST000	0.0009	18,000	0.019	0.0267
MHQ0402PSA1N0BT000	0.001	9,900	0.036	0.0336
MHQ0402PSA1N0CT000	0.001	9,900	0.036	0.0336
MHQ0402PSA1N0ST000	0.001	9,900	0.036	0.0336
MHQ0402PSA1N1BT000	0.0011	13,000	0.030	0.0889
MHQ0402PSA1N1CT000	0.0011	13,000	0.030	0.0889
MHQ0402PSA1N1ST000	0.0011	13,000	0.030	0.0889
MHQ0402PSA1N2BT000	0.0012	12,000	0.034	0.0961
MHQ0402PSA1N2CT000	0.0012	12,000	0.034	0.0961
MHQ0402PSA1N2ST000	0.0012	12,000	0.034	0.0961
MHQ0402PSA1N3BT000	0.0013	15,000	0.030	0.1010
MHQ0402PSA1N3CT000	0.0013	15,000	0.030	0.1010
MHQ0402PSA1N3ST000	0.0013	15,000	0.030	0.1010
MHQ0402PSA1N4BT000	0.0014	16,000	0.028	0.1375
MHQ0402PSA1N4CT000	0.0014	16,000	0.028	0.1375

Inductors

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Simple Model

Commercial Grade for High Frequency Circuits / MHQ0402PSA series (2/5)

Circuit Diagram



Circuit Parameters

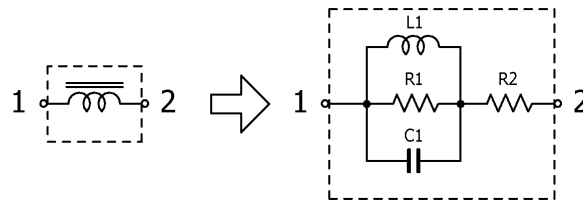
Part No.	L1[μH]	R1[ohm]	C1[pF]	R2[ohm]
MHQ0402PSA1N4ST000	0.0014	16,000	0.028	0.1375
MHQ0402PSA1N5BT000	0.0015	5,400	0.088	0.0928
MHQ0402PSA1N5CT000	0.0015	5,400	0.088	0.0928
MHQ0402PSA1N5ST000	0.0015	5,400	0.088	0.0928
MHQ0402PSA1N6BT000	0.0016	13,000	0.040	0.1129
MHQ0402PSA1N6CT000	0.0016	13,000	0.040	0.1129
MHQ0402PSA1N6ST000	0.0016	13,000	0.040	0.1129
MHQ0402PSA1N7BT000	0.0017	26,000	0.021	0.1090
MHQ0402PSA1N7CT000	0.0017	26,000	0.021	0.1090
MHQ0402PSA1N7ST000	0.0017	26,000	0.021	0.1090
MHQ0402PSA1N8BT000	0.0018	16,000	0.034	0.1105
MHQ0402PSA1N8CT000	0.0018	16,000	0.034	0.1105
MHQ0402PSA1N8ST000	0.0018	16,000	0.034	0.1105
MHQ0402PSA1N9BT000	0.0019	18,000	0.031	0.1121
MHQ0402PSA1N9CT000	0.0019	18,000	0.031	0.1121
MHQ0402PSA1N9ST000	0.0019	18,000	0.031	0.1121
MHQ0402PSA2N0BT000	0.002	28,000	0.021	0.1351
MHQ0402PSA2N0CT000	0.002	28,000	0.021	0.1351
MHQ0402PSA2N0ST000	0.002	28,000	0.021	0.1351
MHQ0402PSA2N1BT000	0.0021	15,000	0.038	0.2028
MHQ0402PSA2N1CT000	0.0021	15,000	0.038	0.2028
MHQ0402PSA2N1ST000	0.0021	15,000	0.038	0.2028
MHQ0402PSA2N2BT000	0.0022	10,000	0.061	0.1377
MHQ0402PSA2N2CT000	0.0022	10,000	0.061	0.1377
MHQ0402PSA2N2ST000	0.0022	10,000	0.061	0.1377
MHQ0402PSA2N3BT000	0.0023	17,000	0.039	0.2399
MHQ0402PSA2N3CT000	0.0023	17,000	0.039	0.2399
MHQ0402PSA2N3ST000	0.0023	17,000	0.039	0.2399
MHQ0402PSA2N4BT000	0.0024	19,000	0.031	0.2034
MHQ0402PSA2N4CT000	0.0024	19,000	0.031	0.2034
MHQ0402PSA2N4ST000	0.0024	19,000	0.031	0.2034
MHQ0402PSA2N5BT000	0.0025	17,000	0.043	0.1945
MHQ0402PSA2N5CT000	0.0025	17,000	0.043	0.1945
MHQ0402PSA2N5ST000	0.0025	17,000	0.043	0.1945
MHQ0402PSA2N6BT000	0.0026	17,000	0.042	0.1681
MHQ0402PSA2N6CT000	0.0026	17,000	0.042	0.1681

Inductors

Jan. 22, 2019
Simple Model

Commercial Grade for High Frequency Circuits / MHQ0402PSA series (3/5)

Circuit Diagram



Circuit Parameters

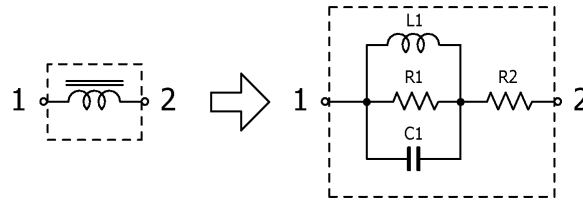
Part No.	L1[μ H]	R1[ohm]	C1[pF]	R2[ohm]
MHQ0402PSA2N6ST000	0.0026	17,000	0.042	0.1681
MHQ0402PSA2N7BT000	0.0027	17,000	0.041	0.1928
MHQ0402PSA2N7CT000	0.0027	17,000	0.041	0.1928
MHQ0402PSA2N7ST000	0.0027	17,000	0.041	0.1928
MHQ0402PSA2N8BT000	0.0028	16,000	0.047	0.1992
MHQ0402PSA2N8CT000	0.0028	16,000	0.047	0.1992
MHQ0402PSA2N8ST000	0.0028	16,000	0.047	0.1992
MHQ0402PSA2N9BT000	0.0029	20,000	0.039	0.2850
MHQ0402PSA2N9CT000	0.0029	20,000	0.039	0.2850
MHQ0402PSA2N9ST000	0.0029	20,000	0.039	0.2850
MHQ0402PSA3N0BT000	0.003	17,000	0.048	0.2842
MHQ0402PSA3N0CT000	0.003	17,000	0.048	0.2842
MHQ0402PSA3N0ST000	0.003	17,000	0.048	0.2842
MHQ0402PSA3N1BT000	0.0031	18,000	0.043	0.2878
MHQ0402PSA3N1CT000	0.0031	18,000	0.043	0.2878
MHQ0402PSA3N1ST000	0.0031	18,000	0.043	0.2878
MHQ0402PSA3N2BT000	0.0032	18,000	0.040	0.2771
MHQ0402PSA3N2CT000	0.0032	18,000	0.040	0.2771
MHQ0402PSA3N2ST000	0.0032	18,000	0.040	0.2771
MHQ0402PSA3N3BT000	0.0033	19,000	0.042	0.2849
MHQ0402PSA3N3CT000	0.0033	19,000	0.042	0.2849
MHQ0402PSA3N3ST000	0.0033	19,000	0.042	0.2849
MHQ0402PSA3N4BT000	0.0034	19,000	0.043	0.2928
MHQ0402PSA3N4CT000	0.0034	19,000	0.043	0.2928
MHQ0402PSA3N4ST000	0.0034	19,000	0.043	0.2928
MHQ0402PSA3N5BT000	0.0035	24,000	0.033	0.1966
MHQ0402PSA3N5CT000	0.0035	24,000	0.033	0.1966
MHQ0402PSA3N5ST000	0.0035	24,000	0.033	0.1966
MHQ0402PSA3N6BT000	0.0036	17,000	0.050	0.2244
MHQ0402PSA3N6CT000	0.0036	17,000	0.050	0.2244
MHQ0402PSA3N6ST000	0.0036	17,000	0.050	0.2244
MHQ0402PSA3N7BT000	0.0037	18,000	0.049	0.2357
MHQ0402PSA3N7CT000	0.0037	18,000	0.049	0.2357
MHQ0402PSA3N7ST000	0.0037	18,000	0.049	0.2357
MHQ0402PSA3N8BT000	0.0038	23,000	0.038	0.2873
MHQ0402PSA3N8CT000	0.0038	23,000	0.038	0.2873

Inductors

Jan. 22, 2019
Simple Model

Commercial Grade for High Frequency Circuits / MHQ0402PSA series (4/5)

Circuit Diagram



Circuit Parameters

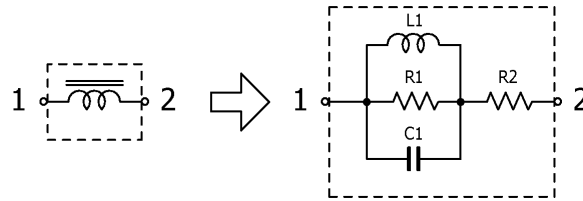
Part No.	L1[μH]	R1[ohm]	C1[pF]	R2[ohm]
MHQ0402PSA3N8ST000	0.0038	23,000	0.038	0.2873
MHQ0402PSA3N9BT000	0.0039	19,000	0.048	0.3614
MHQ0402PSA3N9CT000	0.0039	19,000	0.048	0.3614
MHQ0402PSA3N9ST000	0.0039	19,000	0.048	0.3614
MHQ0402PSA4N0BT000	0.004	19,000	0.047	0.3655
MHQ0402PSA4N0CT000	0.004	19,000	0.047	0.3655
MHQ0402PSA4N0ST000	0.004	19,000	0.047	0.3655
MHQ0402PSA4N1BT000	0.0041	22,000	0.042	0.3610
MHQ0402PSA4N1CT000	0.0041	22,000	0.042	0.3610
MHQ0402PSA4N1ST000	0.0041	22,000	0.042	0.3610
MHQ0402PSA4N2BT000	0.0042	19,000	0.050	0.3741
MHQ0402PSA4N2CT000	0.0042	19,000	0.050	0.3741
MHQ0402PSA4N2ST000	0.0042	19,000	0.050	0.3741
MHQ0402PSA4N3HT000	0.0043	22,000	0.042	0.3498
MHQ0402PSA4N3JT000	0.0043	22,000	0.042	0.3498
MHQ0402PSA4N7HT000	0.0047	19,000	0.049	0.4403
MHQ0402PSA4N7JT000	0.0047	19,000	0.049	0.4403
MHQ0402PSA5N1HT000	0.0051	19,000	0.053	0.3252
MHQ0402PSA5N1JT000	0.0051	19,000	0.053	0.3252
MHQ0402PSA5N6HT000	0.0056	23,000	0.045	0.4466
MHQ0402PSA5N6JT000	0.0056	23,000	0.045	0.4466
MHQ0402PSA6N2HT000	0.0062	23,000	0.044	0.5057
MHQ0402PSA6N2JT000	0.0062	23,000	0.044	0.5057
MHQ0402PSA6N8HT000	0.0068	23,000	0.050	0.4863
MHQ0402PSA6N8JT000	0.0068	23,000	0.050	0.4863
MHQ0402PSA7N5HT000	0.0075	20,000	0.055	0.6113
MHQ0402PSA7N5JT000	0.0075	20,000	0.055	0.6113
MHQ0402PSA8N2HT000	0.0082	22,000	0.053	0.6338
MHQ0402PSA8N2JT000	0.0082	22,000	0.053	0.6338
MHQ0402PSA9N1HT000	0.0091	22,000	0.044	0.8992
MHQ0402PSA9N1JT000	0.0091	22,000	0.044	0.8992
MHQ0402PSA10NHT000	0.01	21,000	0.047	1.3214
MHQ0402PSA10NJT000	0.01	21,000	0.047	1.3214
MHQ0402PSA11NHT000	0.011	20,000	0.047	1.0449
MHQ0402PSA11NJT000	0.011	20,000	0.047	1.0449
MHQ0402PSA12NHT000	0.012	18,000	0.047	1.1844

Inductors

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Commercial Grade for High Frequency Circuits / MHQ0402PSA series (5/5)

Circuit Diagram



Circuit Parameters

Part No.	L1[μH]	R1[ohm]	C1[pF]	R2[ohm]
MHQ0402PSA12NJT000	0.012	18,000	0.047	1.1844
MHQ0402PSA13NHT000	0.013	16,000	0.051	1.4871
MHQ0402PSA13NJT000	0.013	16,000	0.051	1.4871
MHQ0402PSA15NHT000	0.015	20,000	0.048	1.6450
MHQ0402PSA15NJT000	0.015	20,000	0.048	1.6450
MHQ0402PSA16NHT000	0.016	17,000	0.048	1.5598
MHQ0402PSA16NJT000	0.016	17,000	0.048	1.5598
MHQ0402PSA18NHT000	0.018	16,000	0.057	1.3937
MHQ0402PSA18NJT000	0.018	16,000	0.057	1.3937
MHQ0402PSA20NHT000	0.02	18,000	0.058	1.8855
MHQ0402PSA20NJT000	0.02	18,000	0.058	1.8855
MHQ0402PSA22NHT000	0.022	16,000	0.058	1.6075
MHQ0402PSA22NJT000	0.022	16,000	0.058	1.6075