

SMD Power Inductors

Application Field

For the smoothing circuit of DC-DC converter, as a choke coil chopper coil.

Suitable for use in power lines of camcorder, LCD set, OA equipment, notebook computer, PDA, and small size communication equipment.

Features

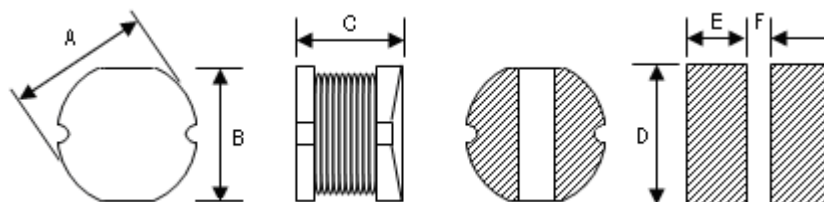
These power inductors have low DC resistance and large permissible DC current with high reliability.

These power inductors can be directly mounting with special treated electrodes.

Tape and reel packages are available for auto mounting machine.

Magnenic shielded products are available for each series for the consideration of against radiation.

Dimensions and footprint (Unit : mm)



Unit : mm

Size	A	B	C	D	E	F
MDI-0311	3.50±0.3	3.00±0.3	1.10±0.3	3.50	1.60	0.80
MDI-0315	3.50±0.3	3.00±0.3	1.50±0.3	3.50	1.60	0.80
MDI-0302	3.50±0.3	3.00±0.3	2.10±0.3	3.50	1.60	0.80
MDI-0403	4.50±0.3	4.00±0.3	3.20±0.3	4.50	2.10	0.80
MDI-0519	4.90±0.3	4.60±0.3	1.90±0.3	5.00	2.20	1.20
MDI-0502	5.80±0.3	5.20±0.3	2.50±0.3	5.50	2.25	1.50
MDI-0503	5.80±0.3	5.20±0.3	3.00±0.3	5.50	2.25	1.50
MDI-0504	5.80±0.3	5.20±0.3	4.50±0.3	5.50	2.25	1.50
MDI-0703	7.80±0.3	7.20±0.3	3.50±0.3	7.50	3.05	1.90
MDI-0705	7.80±0.3	7.20±0.3	5.00±0.3	7.50	3.05	1.90
MDI-1004	10.00±0.3	9.00±0.3	4.00±0.3	9.50	3.65	2.50
MDI-1005	10.00±0.3	9.00±0.3	5.40±0.3	9.50	3.65	2.50
MDI-1006	10.00±0.3	9.00±0.3	7.50 max	9.50	3.65	2.50
MDI-1008	10.00±0.3	9.00±0.3	8.50 max	9.50	3.65	2.50

Part Number Code

MDI - 0302 - 680 M
 1 2 3 4

1、Product Code

2、Dimensions Code

3、Inductance = Decimal Point

4、Tolerance : K = $\pm 10\%$ 、L = $\pm 15\%$ 、M = $\pm 20\%$

Specification

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0311-1R0	1.0	7.96MHz	0.085	1.500
MDI-0311-2R2	2.2	7.96MHz	0.200	1.000
MDI-0311-3R3	3.3	7.96MHz	0.220	0.870
MDI-0311-4R7	4.7	7.96MHz	0.310	0.650
MDI-0311-5R6	5.6	7.96MHz	0.320	0.600
MDI-0311-6R8	6.8	7.96MHz	0.330	0.550
MDI-0311-8R2	8.2	7.96MHz	0.480	0.520
MDI-0311-100	10	2.52MHz	0.520	0.450
MDI-0311-120	12	2.52MHz	0.650	0.430
MDI-0311-150	15	2.52MHz	0.850	0.420
MDI-0311-180	18	2.52MHz	1.000	0.410
MDI-0311-220	22	2.52MHz	1.200	0.400
MDI-0311-330	33	2.52MHz	1.980	0.260
MDI-0311-470	47	2.52MHz	2.600	0.160
MDI-0311-560	56	2.52MHz	3.200	0.150
MDI-0311-680	68	2.52MHz	3.700	0.120
MDI-0311-101	100	1KHz	6.600	0.100
MDI-0311-331	330	1KHz	13.62	0.090

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0315-1R0	1.0	7.96MHz	0.062	1.600
MDI-0315-2R2	2.2	7.96MHz	0.130	1.200
MDI-0315-3R3	3.3	7.96MHz	0.140	0.900
MDI-0315-4R7	4.7	7.96MHz	0.180	0.650
MDI-0315-5R6	5.6	7.96MHz	0.260	0.600
MDI-0315-6R8	6.8	7.96MHz	0.270	0.550
MDI-0315-8R2	8.2	7.96MHz	0.360	0.500
MDI-0315-100	10	2.52MHz	0.390	0.450
MDI-0315-120	12	2.52MHz	0.450	0.420
MDI-0315-150	15	2.52MHz	0.750	0.300
MDI-0315-180	18	2.52MHz	0.760	0.290
MDI-0315-220	22	2.52MHz	0.920	0.250
MDI-0315-270	27	2.52MHz	1.120	0.230

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0315-330	33	2.52MHz	1.430	0.200
MDI-0315-470	47	2.52MHz	1.690	0.170
MDI-0315-560	56	2.52MHz	1.920	0.150
MDI-0315-680	68	2.52MHz	2.860	0.130
MDI-0315-820	82	2.52MHz	3.250	0.128
MDI-0315-101	100	1KHz	4.550	0.125
MDI-0315-121	120	1KHz	4.550	0.123
MDI-0315-181	180	1KHz	7.150	0.122
MDI-0315-221	220	1KHz	8.320	0.120
MDI-0315-271	270	1KHz	12.61	0.115
MDI-0315-331	330	1KHz	14.56	0.100
MDI-0315-391	390	1KHz	16.12	0.090
MDI-0315-471	470	1KHz	18.20	0.090
MDI-0315-561	560	1KHz	20.80	0.084
MDI-0315-681	680	1KHz	23.40	0.075
MDI-0315-821	820	1KHz	40.30	0.065
MDI-0315-102	1000	1KHz	44.20	0.060

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0302-1R0	1.0	7.96MHz	0.070	2.080
MDI-0302-1R4	1.4	7.96MHz	0.090	1.860
MDI-0302-1R8	1.8	7.96MHz	0.110	1.800
MDI-0302-2R2	2.2	7.96MHz	0.130	1.390
MDI-0302-2R7	2.7	7.96MHz	0.140	1.320
MDI-0302-3R3	3.3	7.96MHz	0.170	1.250
MDI-0302-3R9	3.9	7.96MHz	0.190	1.200
MDI-0302-4R7	4.7	7.96MHz	0.210	1.030
MDI-0302-5R6	5.6	7.96MHz	0.220	0.910
MDI-0302-6R8	6.8	7.96MHz	0.250	0.850
MDI-0302-8R2	8.2	7.96MHz	0.280	0.820
MDI-0302-100	10	2.52MHz	0.320	0.740
MDI-0302-120	12	2.52MHz	0.350	0.640
MDI-0302-150	15	2.52MHz	0.400	0.600
MDI-0302-180	18	2.52MHz	0.480	0.540
MDI-0302-220	22	2.52MHz	0.580	0.500
MDI-0302-270	27	2.52MHz	0.650	0.430
MDI-0302-330	33	2.52MHz	0.800	0.370
MDI-0302-390	39	2.52MHz	0.900	0.360
MDI-0302-470	47	2.52MHz	1.190	0.330
MDI-0302-560	56	2.52MHz	1.270	0.300
MDI-0302-680	68	2.52MHz	1.730	0.290
MDI-0302-820	82	2.52MHz	1.990	0.250
MDI-0302-101	100	1KHz	2.520	0.200
MDI-0302-121	120	1KHz	2.900	0.190

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0302-151	150	1KHz	3.360	0.170
MDI-0302-181	180	1KHz	3.680	0.170
MDI-0302-221	220	1KHz	5.300	0.140
MDI-0302-331	330	1KHz	9.240	0.120
MDI-0302-391	390	1KHz	10.14	0.090
MDI-0302-471	470	1KHz	11.48	0.080
MDI-0302-561	560	1KHz	19.49	0.080
MDI-0302-681	680	1KHz	22.00	0.070
MDI-0302-821	820	1KHz	23.98	0.060
MDI-0302-102	1000	1KHz	28.80	0.050

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0403-1R0	1.0	7.96MHz	0.049	3.800
MDI-0403-1R4	1.4	7.96MHz	0.056	3.300
MDI-0403-1R8	1.8	7.96MHz	0.064	2.910
MDI-0403-2R2	2.2	7.96MHz	0.071	2.600
MDI-0403-2R7	2.7	7.96MHz	0.079	2.430
MDI-0403-3R3	3.3	7.96MHz	0.086	2.150
MDI-0403-3R9	3.9	7.96MHz	0.094	1.980
MDI-0403-4R7	4.7	7.96MHz	0.109	1.700
MDI-0403-5R6	5.6	7.96MHz	0.126	1.600
MDI-0403-6R8	6.8	7.96MHz	0.132	1.410
MDI-0403-8R2	8.2	7.96MHz	0.147	1.260
MDI-0403-100	10	2.52MHz	0.182	1.150
MDI-0403-120	12	2.52MHz	0.210	1.050
MDI-0403-150	15	2.52MHz	0.235	0.920
MDI-0403-180	18	2.52MHz	0.338	0.840
MDI-0403-220	22	2.52MHz	0.378	0.760
MDI-0403-270	27	2.52MHz	0.522	0.710
MDI-0403-330	33	2.52MHz	0.540	0.640
MDI-0403-390	39	2.52MHz	0.587	0.590
MDI-0403-470	47	2.52MHz	0.844	0.540
MDI-0403-560	56	2.52MHz	0.937	0.500
MDI-0403-680	68	2.52MHz	1.117	0.460
MDI-0403-820	82	2.52MHz	1.200	0.450
MDI-0403-101	100	1KHz	1.440	0.440
MDI-0403-121	120	1KHz	1.600	0.430
MDI-0403-151	150	1KHz	1.800	0.420
MDI-0403-181	180	1KHz	2.180	0.380
MDI-0403-221	220	1KHz	2.570	0.360
MDI-0403-271	270	1KHz	3.520	0.340
MDI-0403-331	330	1KHz	5.000	0.280
MDI-0403-391	390	1KHz	6.000	0.240
MDI-0403-471	470	1KHz	7.000	0.210

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0519-2R2	2.2	7.96MHz	0.062	1.800
MDI-0519-2R7	2.7	7.96MHz	0.070	1.600
MDI-0519-3R3	3.3	7.96MHz	0.082	1.500
MDI-0519-3R9	3.9	7.96MHz	0.140	1.400
MDI-0519-4R7	4.7	7.96MHz	0.172	1.300
MDI-0519-6R8	6.8	7.96MHz	0.180	1.100
MDI-0519-100	10	2.52MHz	0.260	0.900
MDI-0519-220	22	2.52MHz	0.400	0.650
MDI-0519-330	33	2.52MHz	0.520	0.520
MDI-0519-470	47	2.52MHz	0.740	0.440
MDI-0519-820	82	2.52MHz	1.490	0.270
MDI-0519-101	100	1KHz	1.550	0.280
MDI-0519-151	150	1KHz	2.470	0.250
MDI-0519-331	330	1KHz	4.900	0.150
MDI-0519-471	470	1KHz	7.500	0.132
MDI-0519-561	560	1KHz	11.03	0.108
MDI-0519-681	680	1KHz	12.32	0.102
MDI-0519-102	1000	1KHz	17.07	0.084

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0502-1R0	1.0	7.96MHz	0.030	4.500
MDI-0502-1R4	1.4	7.96MHz	0.040	4.000
MDI-0502-1R8	1.8	7.96MHz	0.050	3.300
MDI-0502-2R2	2.2	7.96MHz	0.060	2.940
MDI-0502-2R7	2.7	7.96MHz	0.070	2.500
MDI-0502-3R3	3.3	7.96MHz	0.080	2.350
MDI-0502-3R9	3.9	7.96MHz	0.090	2.200
MDI-0502-4R7	4.7	7.96MHz	0.140	2.000
MDI-0502-5R6	5.6	7.96MHz	0.150	1.800
MDI-0502-6R8	6.8	7.96MHz	0.160	1.700
MDI-0502-8R2	8.2	7.96MHz	0.170	1.400
MDI-0502-100	10	2.52MHz	0.180	1.200
MDI-0502-120	12	2.52MHz	0.200	1.180
MDI-0502-150	15	2.52MHz	0.220	1.150
MDI-0502-180	18	2.52MHz	0.250	1.100
MDI-0502-220	22	2.52MHz	0.350	1.000
MDI-0502-270	27	2.52MHz	0.450	0.860
MDI-0502-330	33	2.52MHz	0.500	0.790
MDI-0502-390	39	2.52MHz	0.690	0.750
MDI-0502-470	47	2.52MHz	0.720	0.730
MDI-0502-560	56	2.52MHz	0.840	0.550
MDI-0502-680	68	2.52MHz	0.900	0.520
MDI-0502-820	82	2.52MHz	0.950	0.500
MDI-0502-101	100	1KHz	1.300	0.400

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0502-121	120	1KHz	1.380	0.360
MDI-0502-151	150	1KHz	1.810	0.300
MDI-0502-181	180	1KHz	1.950	0.260
MDI-0502-221	220	1KHz	2.100	0.250
MDI-0502-271	270	1KHz	2.420	0.210
MDI-0502-331	330	1KHz	3.820	0.180
MDI-0502-391	390	1KHz	4.680	0.160
MDI-0502-471	470	1KHz	5.100	0.150
MDI-0502-561	560	1KHz	6.000	0.140
MDI-0502-681	680	1KHz	7.600	0.130
MDI-0502-821	820	1KHz	9.120	0.070
MDI-0502-102	1000	1KHz	9.870	0.050

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0503-1R0	1.0	7.96MHz	0.030	4.500
MDI-0503-1R4	1.4	7.96MHz	0.030	4.100
MDI-0503-1R8	1.8	7.96MHz	0.030	3.700
MDI-0503-2R2	2.2	7.96MHz	0.030	3.500
MDI-0503-2R7	2.7	7.96MHz	0.040	3.200
MDI-0503-3R3	3.3	7.96MHz	0.050	2.800
MDI-0503-3R9	3.9	7.96MHz	0.060	2.600
MDI-0503-4R7	4.7	7.96MHz	0.070	2.500
MDI-0503-5R6	5.6	7.96MHz	0.080	2.400
MDI-0503-6R8	6.8	7.96MHz	0.090	2.200
MDI-0503-8R2	8.2	7.96MHz	0.100	2.000
MDI-0503-100	10	2.52MHz	0.120	1.800
MDI-0503-120	12	2.52MHz	0.130	1.750
MDI-0503-150	15	2.52MHz	0.150	1.700
MDI-0503-180	18	2.52MHz	0.180	1.600
MDI-0503-220	22	2.52MHz	0.220	1.500
MDI-0503-270	27	2.52MHz	0.260	1.400
MDI-0503-330	33	2.52MHz	0.330	1.100
MDI-0503-390	39	2.52MHz	0.420	1.000
MDI-0503-470	47	2.52MHz	0.500	0.900
MDI-0503-560	56	2.52MHz	0.550	0.850
MDI-0503-680	68	2.52MHz	0.650	0.800
MDI-0503-820	82	2.52MHz	0.800	0.650
MDI-0503-101	100	1KHz	0.900	0.600
MDI-0503-121	120	1KHz	1.000	0.580
MDI-0503-151	150	1KHz	1.300	0.430
MDI-0503-181	180	1KHz	1.500	0.410
MDI-0503-221	220	1KHz	2.000	0.380
MDI-0503-271	270	1KHz	2.500	0.350
MDI-0503-331	330	1KHz	3.200	0.280

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0503-391	390	1KHz	3.500	0.260
MDI-0503-471	470	1KHz	4.200	0.200
MDI-0503-561	560	1KHz	4.500	0.190
MDI-0503-681	680	1KHz	6.500	0.180
MDI-0503-821	820	1KHz	7.500	0.150
MDI-0503-102	1000	1KHz	8.000	0.130

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0504-1R0	1.0	7.96MHz	0.028	3.000
MDI-0504-1R4	1.4	7.96MHz	0.029	2.800
MDI-0504-1R8	1.8	7.96MHz	0.030	2.600
MDI-0504-2R2	2.2	7.96MHz	0.042	2.300
MDI-0504-2R7	2.7	7.96MHz	0.044	2.100
MDI-0504-3R3	3.3	7.96MHz	0.045	2.000
MDI-0504-3R9	3.9	7.96MHz	0.047	1.950
MDI-0504-4R7	4.7	7.96MHz	0.048	1.900
MDI-0504-5R6	5.6	7.96MHz	0.050	1.800
MDI-0504-6R8	6.8	7.96MHz	0.060	1.600
MDI-0504-8R2	8.2	7.96MHz	0.090	1.500
MDI-0504-100	10	2.52MHz	0.100	1.440
MDI-0504-120	12	2.52MHz	0.120	1.400
MDI-0504-150	15	2.52MHz	0.140	1.300
MDI-0504-180	18	2.52MHz	0.150	1.230
MDI-0504-220	22	2.52MHz	0.180	1.110
MDI-0504-270	27	2.52MHz	0.200	0.970
MDI-0504-330	33	2.52MHz	0.230	0.880
MDI-0504-390	39	2.52MHz	0.320	0.800
MDI-0504-470	47	2.52MHz	0.370	0.720
MDI-0504-560	56	2.52MHz	0.420	0.680
MDI-0504-680	68	2.52MHz	0.460	0.610
MDI-0504-820	82	2.52MHz	0.600	0.580
MDI-0504-101	100	1KHz	0.700	0.520
MDI-0504-121	120	1KHz	0.930	0.480
MDI-0504-151	150	1KHz	1.100	0.400
MDI-0504-181	180	1KHz	1.380	0.380
MDI-0504-221	220	1KHz	1.570	0.350
MDI-0504-271	270	1KHz	1.850	0.280
MDI-0504-331	330	1KHz	2.000	0.260
MDI-0504-391	390	1KHz	2.600	0.240
MDI-0504-471	470	1KHz	3.000	0.120

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0703-100	10	2.52MHz	0.080	1.440
MDI-0703-120	12	2.52MHz	0.090	1.390
MDI-0703-150	15	2.52MHz	0.104	1.240

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0703-180	18	2.52MHz	0.111	1.120
MDI-0703-220	22	2.52MHz	0.129	1.070
MDI-0703-270	27	2.52MHz	0.153	0.940
MDI-0703-330	33	2.52MHz	0.170	0.850
MDI-0703-390	39	2.52MHz	0.217	0.740
MDI-0703-470	47	2.52MHz	0.252	0.680
MDI-0703-560	56	2.52MHz	0.282	0.640
MDI-0703-680	68	2.52MHz	0.332	0.590
MDI-0703-820	82	2.52MHz	0.406	0.540
MDI-0703-101	100	1KHz	0.481	0.510
MDI-0703-121	120	1KHz	0.536	0.490
MDI-0703-151	150	1KHz	0.755	0.400
MDI-0703-181	180	1KHz	1.022	0.360
MDI-0703-221	220	1KHz	1.200	0.310
MDI-0703-271	270	1KHz	1.306	0.290
MDI-0703-331	330	1KHz	1.495	0.280
MDI-0703-391	390	1KHz	2.700	0.270
MDI-0703-471	470	1KHz	3.000	0.250

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-0705-100	10	2.52MHz	0.070	2.300
MDI-0705-120	12	2.52MHz	0.080	2.000
MDI-0705-150	15	2.52MHz	0.090	1.800
MDI-0705-180	18	2.52MHz	0.100	1.600
MDI-0705-220	22	2.52MHz	0.110	1.500
MDI-0705-270	27	2.52MHz	0.120	1.300
MDI-0705-330	33	2.52MHz	0.130	1.200
MDI-0705-390	39	2.52MHz	0.160	1.100
MDI-0705-470	47	2.52MHz	0.180	1.100
MDI-0705-560	56	2.52MHz	0.240	0.940
MDI-0705-680	68	2.52MHz	0.280	0.850
MDI-0705-820	82	2.52MHz	0.370	0.780
MDI-0705-101	100	1KHz	0.430	0.720
MDI-0705-121	120	1KHz	0.470	0.660
MDI-0705-151	150	1KHz	0.640	0.580
MDI-0705-181	180	1KHz	0.710	0.510
MDI-0705-221	220	1KHz	0.960	0.490
MDI-0705-271	270	1KHz	1.110	0.420
MDI-0705-331	330	1KHz	1.260	0.400
MDI-0705-391	390	1KHz	1.770	0.360
MDI-0705-471	470	1KHz	1.960	0.340

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-1004-100	10	2.52MHz	0.053	2.380
MDI-1004-120	12	2.52MHz	0.061	2.130

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-1004-150	15	2.52MHz	0.070	1.870
MDI-1004-180	18	2.52MHz	0.081	1.730
MDI-1004-220	22	2.52MHz	0.088	1.600
MDI-1004-270	27	2.52MHz	0.100	1.440
MDI-1004-330	33	2.52MHz	0.120	1.260
MDI-1004-390	39	2.52MHz	0.151	1.200
MDI-1004-470	47	2.52MHz	0.170	1.100
MDI-1004-560	56	2.52MHz	0.199	1.010
MDI-1004-680	68	2.52MHz	0.233	0.910
MDI-1004-820	82	2.52MHz	0.252	0.850
MDI-1004-101	100	1KHz	0.344	0.740
MDI-1004-121	120	1KHz	0.396	0.690
MDI-1004-151	150	1KHz	0.544	0.610
MDI-1004-181	180	1KHz	0.621	0.560
MDI-1004-221	220	1KHz	0.721	0.530
MDI-1004-271	270	1KHz	0.949	0.450
MDI-1004-331	330	1KHz	1.100	0.420
MDI-1004-391	390	1KHz	1.245	0.380
MDI-1004-471	470	1KHz	1526	0.350
MDI-1004-561	560	1KHz	1.904	0.320

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-1005-100	10	2.52MHz	0.060	2.600
MDI-1005-120	12	2.52MHz	0.070	2.450
MDI-1005-150	15	2.52MHz	0.080	2.270
MDI-1005-180	18	2.52MHz	0.090	2.150
MDI-1005-220	22	2.52MHz	0.100	1.950
MDI-1005-270	27	2.52MHz	0.110	1.760
MDI-1005-330	33	2.52MHz	0.120	1.500
MDI-1005-390	39	2.52MHz	0.140	1.370
MDI-1005-470	47	2.52MHz	0.170	1.280
MDI-1005-560	56	2.52MHz	0.190	1.170
MDI-1005-680	68	2.52MHz	0.220	1.110
MDI-1005-820	82	2.52MHz	0.250	1.000
MDI-1005-101	100	1KHz	0.350	0.940
MDI-1005-121	120	1KHz	0.400	0.890
MDI-1005-151	150	1KHz	0.470	0.780
MDI-1005-181	180	1KHz	0.630	0.720
MDI-1005-221	220	1KHz	0.730	0.660
MDI-1005-271	270	1KHz	0.970	0.570
MDI-1005-331	330	1KHz	1.150	0.520
MDI-1005-391	390	1KHz	1.300	0.480
MDI-1005-471	470	1KHz	1.480	0.420
MDI-1005-561	560	1KHz	1.900	0.330

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-1005-681	680	1KHz	2.250	0.280
MDI-1005-821	820	1KHz	2.550	0.240

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-1006-100	10	2.52MHz	0.060	3.500
MDI-1006-120	12	2.52MHz	0.070	3.400
MDI-1006-150	15	2.52MHz	0.080	3.100
MDI-1006-180	18	2.52MHz	0.090	3.000
MDI-1006-220	22	2.52MHz	0.100	2.600
MDI-1006-270	27	2.52MHz	0.110	2.400
MDI-1006-330	33	2.52MHz	0.120	2.300
MDI-1006-390	39	2.52MHz	0.140	2.100
MDI-1006-470	47	2.52MHz	0.170	1.950
MDI-1006-560	56	2.52MHz	0.190	1.850
MDI-1006-680	68	2.52MHz	0.220	1.650
MDI-1006-820	82	2.52MHz	0.250	1.500
MDI-1006-101	100	1KHz	0.350	1.400
MDI-1006-121	120	1KHz	0.400	1.300
MDI-1006-151	150	1KHz	0.470	1.200
MDI-1006-181	180	1KHz	0.630	1.000
MDI-1006-221	220	1KHz	0.730	0.950
MDI-1006-271	270	1KHz	0.970	0.900
MDI-1006-331	330	1KHz	1.150	0.800
MDI-1006-391	390	1KHz	1.300	0.750
MDI-1006-471	470	1KHz	1.480	0.650
MDI-1006-561	560	1KHz	1.900	0.600
MDI-1006-681	680	1KHz	2.450	0.500
MDI-1006-821	820	1KHz	2.550	0.480
MDI-1006-102	1000	1KHz	3.000	0.460

Part No.	Inductance (μH)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-1008-100	10	2.52MHz	0036	4.050
MDI-1008-120	12	2.52MHz	0038	3.600
MDI-1008-150	15	2.52MHz	0040	3.340
MDI-1008-180	18	2.52MHz	0050	3.050
MDI-1008-220	22	2.52MHz	0060	2.800
MDI-1008-270	27	2.52MHz	0070	2.500
MDI-1008-330	33	2.52MHz	0080	2.400
MDI-1008-390	39	2.52MHz	0090	2.220
MDI-1008-470	47	2.52MHz	0110	2.000
MDI-1008-560	56	2.52MHz	0120	1.900
MDI-1008-680	68	2.52MHz	0150	1.800
MDI-1008-820	82	2.52MHz	0190	1.600
MDI-1008-101	100	1KHz	0230	1.500
MDI-1008-121	120	1KHz	0320	1.400

Part No.	Inductance (μ H)	Freq. (Hz)	DCR(Ω) max	IDC(A) max
MDI-1008-151	150	1KHz	0370	1.300
MDI-1008-181	180	1KHz	0420	1.200
MDI-1008-221	220	1KHz	0440	1.000
MDI-1008-271	270	1KHz	0550	0.950
MDI-1008-331	330	1KHz	0600	0.900
MDI-1008-291	390	1KHz	0670	0.800
MDI-1008-471	470	1KHz	0880	0.700
MDI-1008-561	560	1KHz	1040	0.650
MDI-1008-681	680	1KHz	1180	0.600
MDI-1008-821	820	1KHz	1380	0.500
MDI-1008-102	1000	1KHz	1740	0.480