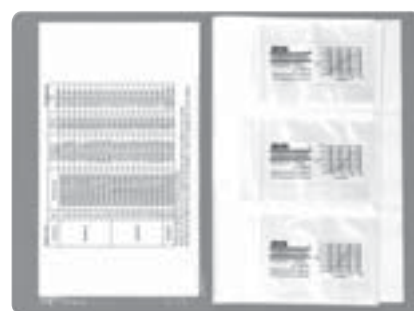


Chip EMI Suppression Filter Design Kits



●EKEMAT15AD-KIT (For Automotive Powertrain/Chip Ferrite Beads 0402 size)

No.	Part Number	Quantity (pcs.)	Impedance (at 100MHz, 20°C) (Ω)	Rated Current (mA)	DC Resistance (Ω) max.
1	BLM15AG100SH1	20	10 (Typ.)	1000	0.05
2	BLM15AG700SH1	20	70 (Typ.)	500	0.15
3	BLM15AG121SH1	20	120 ±25%	500	0.25
4	BLM15AG221SH1	20	220 ±25%	300	0.35
5	BLM15AG601SH1	20	600 ±25%	300	0.60
6	BLM15AG102SH1	20	1000 ±25%	200	1.00
7	BLM15BB050SH1	20	5 ±25%	500	0.08
8	BLM15BB100SH1	20	10 ±25%	300	0.10
9	BLM15BB220SH1	20	22 ±25%	300	0.20
10	BLM15BB470SH1	20	47 ±25%	300	0.35
11	BLM15BB750SH1	20	75 ±25%	300	0.40
12	BLM15BB121SH1	20	120 ±25%	300	0.55
13	BLM15BB221SH1	20	220 ±25%	200	0.80
14	BLM15BD471SH1	20	470 ±25%	200	0.60
15	BLM15BD601SH1	20	600 ±25%	200	0.65
16	BLM15BD102SH1	20	1000 ±25%	200	0.90
17	BLM15BD182SH1	20	1800 ±25%	200	1.40
18	BLM15HG601SH1	20	600 ±25%	300	0.70
19	BLM15HG102SH1	20	1000 ±25%	250	1.10
20	BLM15HD601SH1	20	600 ±25%	300	0.85
21	BLM15HD102SH1	20	1000 ±25%	250	1.25
22	BLM15HD182SH1	20	1800 ±25%	200	2.20

●EKEMAT18AD-KIT (For Automotive Powertrain/Chip Ferrite Beads 0603 size)

No.	Part Number	Quantity (pcs.)	Impedance (at 100MHz, 20°C) (Ω)	Impedance typ. (at 1GHz, 20°C) (Ω)	Rated Current (mA)	DC Resistance (Ω) max.
1	BLM18AG121SH1	20	120 ±25%	-	500	0.18
2	BLM18AG151SH1	20	150 ±25%	-	500	0.25
3	BLM18AG221SH1	20	220 ±25%	-	500	0.25
4	BLM18AG331SH1	20	330 ±25%	-	500	0.30
5	BLM18AG471SH1	20	470 ±25%	-	500	0.35
6	BLM18AG601SH1	20	600 ±25%	-	500	0.38
7	BLM18AG102SH1	20	1000 ±25%	-	400	0.50
8	BLM18BA050SH1	20	5 ±25%	-	500	0.20
9	BLM18BA100SH1	20	10 ±25%	-	500	0.25
10	BLM18BA220SH1	20	22 ±25%	-	500	0.35
11	BLM18BA470SH1	20	47 ±25%	-	300	0.55
12	BLM18BA750SH1	20	75 ±25%	-	300	0.70
13	BLM18BA121SH1	20	120 ±25%	-	200	0.90
14	BLM18BB050SH1	20	5 ±25%	-	700	0.05

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Chip EMI Suppression Filter Design Kits

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No.	Part Number	Quantity (pcs.)	Impedance (at 100MHz, 20°C) (Ω)	Impedance typ. (at 1GHz, 20°C) (Ω)	Rated Current (mA)	DC Resistance (Ω) max.
15	BLM18BB100SH1	20	10 ±25%	-	700	0.10
16	BLM18BB220SH1	20	22 ±25%	-	600	0.20
17	BLM18BB470SH1	20	47 ±25%	-	550	0.25
18	BLM18BB600SH1	20	60 ±25%	-	550	0.25
19	BLM18BB750SH1	20	75 ±25%	-	500	0.30
20	BLM18BB121SH1	20	120 ±25%	-	500	0.30
21	BLM18BB141SH1	20	140 ±25%	-	450	0.35
22	BLM18BB151SH1	20	150 ±25%	-	450	0.37
23	BLM18BB221SH1	20	220 ±25%	-	450	0.45
24	BLM18BB331SH1	20	330 ±25%	-	400	0.58
25	BLM18BB471SH1	20	470 ±25%	-	300	0.85
26	BLM18BD470SH1	20	47 ±25%	-	500	0.30
27	BLM18BD121SH1	20	120 ±25%	-	200	0.40
28	BLM18BD151SH1	20	150 ±25%	-	200	0.40
29	BLM18BD221SH1	20	220 ±25%	-	200	0.45
30	BLM18BD331SH1	20	330 ±25%	-	200	0.50
31	BLM18BD421SH1	20	420 ±25%	-	200	0.55
32	BLM18BD471SH1	20	470 ±25%	-	200	0.55
33	BLM18BD601SH1	20	600 ±25%	-	200	0.65
34	BLM18BD102SH1	20	1000 ±25%	-	100	0.85
35	BLM18BD152SH1	20	1500 ±25%	-	50	1.20
36	BLM18BD182SH1	20	1800 ±25%	-	50	1.50
37	BLM18BD222SH1	20	2200 ±25%	-	50	1.50
38	BLM18BD252SH1	20	2500 ±25%	-	50	1.50
39	BLM18HG471SH1	20	470 ±25%	600 (Typ.)	200	0.85
40	BLM18HG601SH1	20	600 ±25%	700 (Typ.)	200	1.00
41	BLM18HG102SH1	20	1000 ±25%	1000 (Typ.)	100	1.60
42	BLM18HD471SH1	20	470 ±25%	1000 (Typ.)	100	1.20
43	BLM18HD601SH1	20	600 ±25%	1200 (Typ.)	100	1.50
44	BLM18HD102SH1	20	1000 ±25%	1700 (Typ.)	50	1.80
45	BLM18EG101TH1	20	100 ±25%	140 (Typ.)	2000	0.045
46	BLM18EG121SH1	20	120 ±25%	145 (Typ.)	2000	0.04
47	BLM18EG181SH1	20	180 ±25%	240 (Typ.)	2000	0.05
48	BLM18EG221TH1	20	220 ±25%	300 (Typ.)	1000	0.15
49	BLM18EG331TH1	20	330 ±25%	450 (Typ.)	500	0.21
50	BLM18EG391TH1	20	390 ±25%	520 (Typ.)	500	0.30
51	BLM18EG471SH1	20	470 ±25%	550 (Typ.)	500	0.21
52	BLM18EG601SH1	20	600 ±25%	700 (Typ.)	500	0.35

●EKEMAT21AB-KIT (For Automotive Powertrain/Chip Ferrite Beads 0805/1206 size)

No.	Part Number	Quantity (pcs.)	Impedance (at 100MHz, 20°C) (Ω)	Rated Current (mA)	DC Resistance (Ω) max.
1	BLM21AG121SH1	20	120 ±25%	800	0.10
2	BLM21AG151SH1	20	150 ±25%	800	0.10
3	BLM21AG221SH1	20	220 ±25%	800	0.13
4	BLM21AG331SH1	20	330 ±25%	700	0.16
5	BLM21AG471SH1	20	470 ±25%	700	0.19
6	BLM21AG601SH1	20	600 ±25%	600	0.21
7	BLM21AG102SH1	20	1000 ±25%	500	0.28
8	BLM31AJ601SH1	20	600 ±25%	200	0.90
9	BLM21BB050SH1	20	5 ±25%	1000	0.02
10	BLM21BB600SH1	20	60 ±25%	800	0.13

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Chip EMI Suppression Filter Design Kits

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No.	Part Number	Quantity (pcs.)	Impedance (at 100MHz, 20°C) (Ω)	Rated Current (mA)	DC Resistance (Ω) max.
11	BLM21BB750SH1	20	75 ±25%	700	0.16
12	BLM21BB121SH1	20	120 ±25%	600	0.19
13	BLM21BB151SH1	20	150 ±25%	600	0.21
14	BLM21BB201SH1	20	200 ±25%	500	0.26
15	BLM21BB221SH1	20	220 ±25%	500	0.26
16	BLM21BB331SH1	20	330 ±25%	400	0.33
17	BLM21BB471SH1	20	470 ±25%	400	0.40
18	BLM21BD121SH1	20	120 ±25%	200	0.25
19	BLM21BD151SH1	20	150 ±25%	200	0.25
20	BLM21BD221SH1	20	220 ±25%	200	0.25
21	BLM21BD331SH1	20	330 ±25%	200	0.30
22	BLM21BD421SH1	20	420 ±25%	200	0.30
23	BLM21BD471SH1	20	470 ±25%	200	0.35
24	BLM21BD601SH1	20	600 ±25%	200	0.35
25	BLM21BD751SH1	20	750 ±25%	200	0.40
26	BLM21BD102SH1	20	1000 ±25%	200	0.40
27	BLM21BD152SH1	20	1500 ±25%	200	0.45
28	BLM21BD182SH1	20	1800 ±25%	200	0.50
29	BLM21BD222TH1	20	2200 ±25%	200	0.60
30	BLM21BD222SH1	20	2250 (Typ.)	200	0.60
31	BLM21BD272SH1	20	2700 ±25%	200	0.80

●EKEMATPWAE-KIT (For Automotive Powertrain/Chip EMIFIL®/for Power Supplies)

No.	Part Number	Quantity (pcs.)	Impedance (at 100MHz, 20°C) (Ω)	Rated Current (mA)	DC Resistance (Ω) max.
1	BLM18PG300SH1	20	30 (Typ.)	1000	0.05
2	BLM18PG330SH1	20	33 ±25%	3000	0.025
3	BLM18PG600SH1	20	60 (Typ.)	500	0.10
4	BLM18PG121SH1	20	120 ±25%	2000	0.05
5	BLM18PG181SH1	20	180 ±25%	1500	0.09
6	BLM18PG221SH1	20	220 ±25%	1400	0.10
7	BLM18PG331SH1	20	330 ±25%	1200	0.15
8	BLM18PG471SH1	20	470 ±25%	1000	0.20
9	BLM21PG220SH1	20	22 ±25%	6000	0.009
10	BLM21PG300SH1	20	30 (Typ.)	4000	0.014
11	BLM21PG600SH1	20	60 ±25%	3500	0.02
12	BLM21PG121SH1	20	120 ±25%	3000	0.03
13	BLM21PG221SH1	20	220 ±25%	2000	0.045
14	BLM21PG331SH1	20	330 ±25%	1500	0.07
15	BLM31PG330SH1	20	33 ±25%	6000	0.009
16	BLM31PG500SH1	20	50 (Typ.)	3500	0.015
17	BLM31PG121SH1	20	120 ±25%	3500	0.02
18	BLM31PG391SH1	20	390 ±25%	2000	0.05
19	BLM31PG601SH1	20	600 ±25%	1500	0.08
20	BLM41PG600SH1	20	60 (Typ.)	6000	0.009
21	BLM41PG750SH1	20	75 (Typ.)	3500	0.015
22	BLM41PG181SH1	20	180 ±25%	3500	0.02
23	BLM41PG471SH1	20	470 ±25%	2000	0.05
24	BLM41PG102SH1	20	1000 ±25%	1500	0.09

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Chip EMI Suppression Filter Design Kits

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●EKEMAT32AA-KIT (For Automotive Infotainment/Chip Ferrite Beads 1210 size)

No.	Part Number	Quantity (pcs.)	Impedance (at 1MHz, 20°C) (Ω)	Rated Current (mA)	DC Resistance (Ω)
1	NFZ32BW3R6HZ10	10	3.6 ±30%	2550	0.03 ±20%
2	NFZ32BW7R4HZ10	10	7.4 ±30%	2050	0.045 ±20%
3	NFZ32BW9R0HZ10	10	9.0 ±30%	1750	0.057 ±20%
4	NFZ32BW150HZ10	10	15 ±30%	1600	0.076 ±20%
5	NFZ32BW210HZ10	10	21 ±30%	1200	0.12 ±20%
6	NFZ32BW320HZ10	10	32 ±30%	1000	0.18 ±20%
7	NFZ32BW420HZ10	10	42 ±30%	850	0.24 ±20%
8	NFZ32BW700HZ10	10	70 ±30%	700	0.38 ±20%
9	NFZ32BW111HZ10	10	110 ±30%	520	0.57 ±20%
10	NFZ32BW151HZ10	10	150 ±30%	450	0.81 ±20%
11	NFZ32BW221HZ10	10	220 ±30%	390	1.15 ±20%
12	NFZ32BW291HZ10	10	290 ±30%	310	1.78 ±20%
13	NFZ32BW451HZ10	10	450 ±30%	275	2.28 ±20%
14	NFZ32BW621HZ10	10	620 ±30%	250	2.70 ±20%
15	NFZ32BW881HZ10	10	880 ±30%	200	4.38 ±20%
16	NFZ32BW3R3HZ11	10	3.3 ±30%	2900	0.024 ±20%
17	NFZ32BW6R8HZ11	10	6.8 ±30%	2500	0.036 ±20%
18	NFZ32BW8R4HZ11	10	8.4 ±30%	2400	0.048 ±20%
19	NFZ32BW9R8HZ11	10	9.8 ±30%	2100	0.053 ±20%
20	NFZ32BW120HZ11	10	12 ±30%	1850	0.064 ±20%
21	NFZ32BW190HZ11	10	19 ±30%	1800	0.089 ±20%
22	NFZ32BW210HZ11	10	21 ±30%	1550	0.100 ±20%
23	NFZ32BW310HZ11	10	31 ±30%	1200	0.155 ±20%
24	NFZ32BW520HZ11	10	52 ±30%	1100	0.220 ±20%
25	NFZ32BW650HZ11	10	65 ±30%	900	0.295 ±20%
26	NFZ32BW101HZ11	10	100 ±30%	900	0.475 ±20%
27	NFZ32BW151HZ11	10	150 ±30%	700	0.685 ±20%