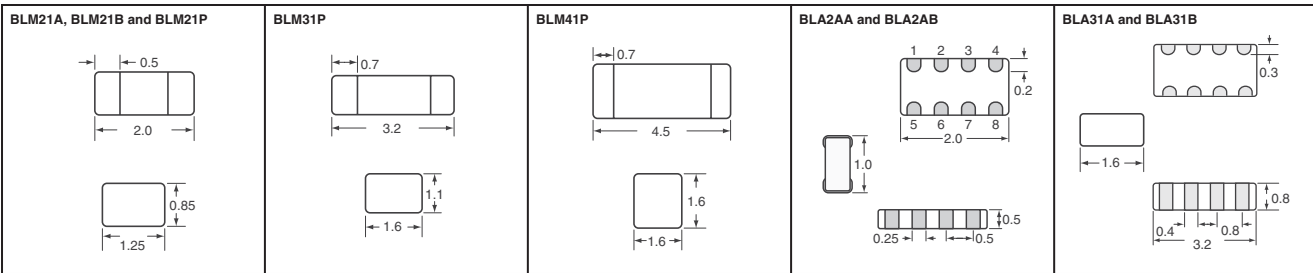




EMI Suppression Ferrite Chips and Arrays (Cont.)



Impedance (@ 100MHz) (Ω)	Rated Current (mA)	Digi-Key Part No.	Cut Tape Pricing			Murata Part No.
			10	50	100	
70 ±25%	4000	490-5224-1-ND	.70	3.06	5.65	10.000
75 ±25%	300	490-1018-1-ND	.45	1.95	3.60	4.000
75 ±25%	500	490-5209-1-ND	.43	1.87	3.46	4.000
100 ±25%	3000	490-5448-1-ND	.43	1.87	3.46	4.000
120 ±25%	200	490-5212-1-ND	.43	1.87	3.46	4.000
120 ±25%	200	490-1019-1-ND	.45	1.95	3.60	4.000
120 ±25%	200	490-5226-1-ND	.45	1.95	3.60	4.000
120 ±25%	500	490-1011-1-ND	.39	1.71	3.15	4.000
120 ±25%	500	490-1020-1-ND	.43	1.87	3.46	4.000
120 ±25%	2000	490-3991-1-ND	1.37	5.92	10.93	4.000
120 ±25%	2000	490-1037-1-ND	.42	1.79	3.32	4.000
120 ±25%	3000	490-5254-1-ND	.43	1.87	3.46	4.000
120 ±25%	3000	490-3996-1-ND	.70	3.06	5.65	10.000
150 ±25%	200	490-5250-1-ND	.43	1.87	3.46	4.000
150 ±25%	450	490-5248-1-ND	.43	1.87	3.46	4.000
150 ±25%	500	490-5244-1-ND	.39	1.71	3.15	4.000
180 ±25%	1500	490-5263-1-ND	.42	1.79	3.32	4.000
220 ±25%	200	490-5213-1-ND	.43	1.87	3.46	4.000
220 ±25%	450	490-5210-1-ND	.43	1.87	3.46	4.000
220 ±25%	500	490-1012-1-ND	.39	1.71	3.15	4.000
220 ±25%	1400	490-5221-1-ND	.42	1.79	3.32	4.000
220 ±25%	2000	490-3992-1-ND	1.37	5.92	10.93	4.000
220 ±25%	2200	490-5255-1-ND	.43	1.87	3.46	4.000
220 ±25%	2500	490-5225-1-ND	.70	3.06	5.65	10.000
330 ±25%	200	490-5251-1-ND	.43	1.87	3.46	4.000
330 ±25%	400	490-5249-1-ND	.43	1.87	3.46	4.000
330 ±25%	500	490-5245-1-ND	.39	1.71	3.15	4.000
330 ±25%	1200	490-5222-1-ND	.42	1.79	3.32	4.000
330 ±25%	1500	490-3997-1-ND	.70	3.06	5.65	10.000
330 ±25%	1700	490-5256-1-ND	.43	1.87	3.46	4.000
420 ±25%	200	490-5259-1-ND	.43	1.87	3.46	4.000
470 ±25%	100	490-1029-1-ND	.96	4.16	7.69	4.000
470 ±25%	200	490-1022-1-ND	.43	1.87	3.46	4.000
470 ±25%	200	490-1032-1-ND	.96	4.16	7.69	4.000
470 ±25%	200	490-5217-1-ND	.96	4.16	7.69	4.000
470 ±25%	200	490-5264-1-ND	.45	1.95	3.60	4.000
470 ±25%	300	490-1021-1-ND	.43	1.87	3.46	4.000
470 ±25%	500	490-1013-1-ND	.39	1.71	3.15	4.000
470 ±25%	500	490-3993-1-ND	1.37	5.92	10.93	4.000
470 ±25%	1000	490-5223-1-ND	.42	1.79	3.32	4.000
470 ±25%	1500	490-5257-1-ND	.43	1.87	3.46	4.000
600 ±25%	100	490-1030-1-ND	.96	4.16	7.69	4.000
600 ±25%	100	490-5218-1-ND	.96	4.16	7.69	4.000
600 ±25%	200	490-1023-1-ND	.43	1.87	3.46	4.000
600 ±25%	200	490-1033-1-ND	.96	4.16	7.69	4.000
600 ±25%	200	490-5227-1-ND	.45	1.95	3.60	4.000
600 ±25%	500	490-1014-1-ND	.39	1.71	3.15	4.000
600 ±25%	500	490-3994-1-ND	1.37	5.92	10.93	4.000
600 ±25%	800	490-5214-1-ND	1.09	4.71	8.70	4.000
600 ±25%	1300	490-5258-1-ND	.43	1.87	3.46	4.000
1000 ±25%	50	490-1031-1-ND	.96	4.16	7.69	4.000
1000 ±25%	50	490-5219-1-ND	.96	4.16	7.69	4.000
1000 ±25%	100	490-1034-1-ND	.96	4.16	7.69	4.000
1000 ±25%	100	490-1024-1-ND	.43	1.87	3.46	4.000
1000 ±25%	200	490-5228-1-ND	.45	1.95	3.60	4.000
1000 ±25%	400	490-1015-1-ND	.39	1.71	3.15	4.000

Impedance (@ 100MHz) (Ω)	Rated Current (mA)	Digi-Key Part No.	Cut Tape Pricing			Murata Part No.
			10	50	100	
1000 ±25%	600	490-5215-1-ND	1.09	4.71	8.70	4.000
1500 ±25%	50	490-1025-1-ND	.45	1.95	3.60	4.000
1500 ±25%	500	490-5216-1-ND	1.25	5.40	9.97	4.000
1800 ±25%	50	490-1026-1-ND	.45	1.95	3.60	4.000
2200 ±25%	50	490-1027-1-ND	.45	1.95	3.60	4.000
2500 ±25%	50	490-1028-1-ND	.45	1.95	3.60	4.000
BLM21 Series — 0805 Case Size						
30 (Typ.)	3000	490-1052-1-ND	.57	2.45	4.52	4.000
60 (Typ.)	3000	490-1053-1-ND	.57	2.45	4.52	4.000
120 ±25%	200	490-1038-1-ND	.60	2.62	4.83	4.000
120 ±25%	200	490-1044-1-ND	.65	2.79	5.17	4.000
120 ±25%	200	490-1042-1-ND	.65	2.79	5.17	4.000
220 (Typ.)	2000	490-1054-1-ND	.45	1.93	3.56	4.000
470 ±25%	200	490-1039-1-ND	.64	2.77	5.12	4.000
470 ±25%	200	490-1045-1-ND	.65	2.79	5.17	4.000
470 ±25%	200	490-1043-1-ND	.65	2.79	5.17	4.000
600 ±25%	200	490-1040-1-ND	.62	2.66	4.90	4.000
600 ±25%	200	490-1046-1-ND	.69	2.99	5.53	4.000
1000 ±25%	200	490-1047-1-ND	.72	3.14	5.79	4.000
1000 ±25%	200	490-1041-1-ND	.72	3.11	5.74	4.000
1500 ±25%	200	490-1048-1-ND	.96	4.18	7.71	4.000
1800 ±25%	200	490-1049-1-ND	.96	4.18	7.71	4.000
2200 ±25%	200	490-1050-1-ND	.96	4.18	7.71	4.000
2700 ±25%	200	490-1051-1-ND	.96	4.18	7.71	4.000
BLM31 Series — 1206 Case Size						
50 (Typ.)	3000	490-1055-1-ND	1.60	6.93	12.78	3.000
120 (Typ.)	3000	490-1056-1-ND	1.60	6.93	12.78	3.000
300 ±25%	2000	490-5229-1-ND	1.60	6.93	12.78	3.000
600 (Typ.)	1500	490-1057-1-ND	1.60	6.93	12.78	3.000
BLM41 Series — 1806 Case Size						
60 (Typ.)	6000	490-1058-1-ND	2.12	9.19	16.96	2.500
75 (Typ.)	3000	490-4013-1-ND	2.12	9.19	16.96	2.500
80 (Typ.)	1000	490-1059-1-ND	1.83	7.91	14.61	2.500
180 ±25%	3000	490-5230-1-ND	1.91	8.29	15.30	2.500
470 (Typ.)	2000	490-1060-1-ND	1.95	8.43	15.57	2.500
1000 (Typ.)	1500	490-1061-1-ND	2.15	9.29	17.15	2.500
BLA2 Series — 0804 Case Size						
120 ±25%	50	490-4009-1-ND	3.20	13.83	25.54	10.000
120 ±25%	200	490-4011-1-ND	3.20	13.83	25.54	10.000
120 ±25%	100	490-4006-1-ND	3.20	13.83	25.54	10.000
220 ±25%	50	490-4010-1-ND	3.20	13.83	25.54	10.000
600 ±25%	50	490-4007-1-ND	3.20	13.83	25.54	10.000
600 ±25%	100	490-4012-1-ND	3.20	13.83	25.54	10.000
1000 ±25%	50	490-4092-1-ND	3.20	13.83	25.54	10.000
1000 ±25%	50	490-4008-1-ND	3.20	13.83	25.54	10.000
BLA31 Series — SMD Array						
120 ±25%	150	490-1000-1-ND	3.60	15.62	28.83	4.000
120 ±25%	150	490-1003-1-ND	3.60	15.62	28.83	4.000
600 ±25%	100	490-1004-1-ND	3.60	15.62	28.83	4.000
600 ±25%	100	490-1001-1-ND	3.60	15.62	28.83	4.000
1000 ±25%	50	490-1002-1-ND	3.60	15.62	28.83	4.000

† For Tape and Reel part number, change 1-ND to 2-ND.

Kits

- Δ 490-5445-ND (EKEMBL15L) Kit contains 10 each of values denoted (500 total pieces) 74.07
- § 490-5446-ND (EKEMBL18H) Kit contains 10 each of values denoted (620 total pieces) 81.48
- †† 490-5545-ND (EKEMBL03E) Kit contains 10 each of values denoted (220 total pieces) 40.00



Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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