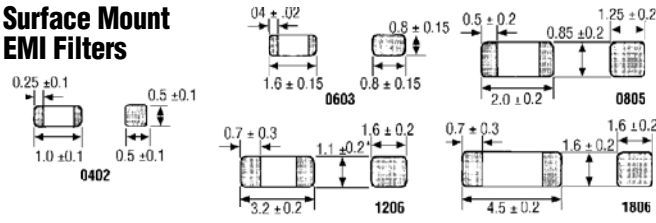


Visit Murata's Website at www.murata.com

Surface Mount EMI Filters



BLM __ A Series

- Suitable for Flow and Reflow Soldering
- Wide Temperature Range
- High Z Characteristics
- For I/O Ports, DC Power Lines, and Signal Lines

The BLM __ A Series ferrite beads provide outstanding electrical characteristics in packages as small as 0402. For noise applications covering a wide frequency range.

Stock No.	Mfr.'s Type	EIA Size	Typ. Imp. @ 100 MHz	DCR Ohms Max.	Current (mA)	EACH		
						1-499	500-4999	5000-10000
711-2558	BLM10A121SPT	0402	120	0.500	200	.32	.19	.14
711-2560	BLM10A601SGPT	0402	600	1.100	50	.32	.19	.14
711-2578	BLM10A102SGPT	0402	1000	1.500	50	.32	.19	.14
711-2528	BLM11A121SPT	0603	120	0.200	200	.16	.08	.07
711-2530	BLM11A221SPT	0603	220	0.300	200	.13	.08	.06
711-2580	BLM11A471SGPT	0603	470	0.500	200	.15	.09	.06
711-2532	BLM11A601SPT	0603	600	0.500	200	.15	.07	.06
711-2526	BLM11A102SPT	0603	1000	0.700	100	.16	.08	.07
711-2550	BLM21A121SPT	0805	120	0.400	200	.14	.08	.07
711-2582	BLM21A221SGPT	0805	220	0.250	200	.20	.12	.08
711-2556	BLM21A401SPT	0805	400	0.850	200	.10	.07	.05
711-2586	BLM21A601FPT	0805	600	0.300	200	.20	.12	.09
711-1122	BLM21A601SPT	0805	600	1.100	200	.25	.12	.11
711-2588	BLM21A102FPT	0805	1000	0.450	200	.24	.14	.10
711-2576	BLM31A260SPT	1206	26	0.050	500	.28	.12	.09
711-1124	BLM31A70SPT*	1206	70	0.150	200	.39	.19	.16
711-1128	BLM31A601SPT	1206	600	0.900	200	.22	.18	.16
711-1130	BLM41A800SPT	1806	80	0.100	500	.48	.38	.29
711-1132	BLM41A151SPT	1806	150	0.500	200	.49	.38	.34

*1.6 ± 0.3.

BLM __ B Series

- Designed to Reduce Noise Above Operating Frequencies
- High Impedance Characteristics
- Suitable for Flow and Reflow Soldering
- For Computers and Peripheral Equipment
- For Consumer Products
- For High Speed Circuits
- Suitable for Circuits with Unstable Ground

The BLM __ B Series ferrite beads have developed to pass signal frequencies from 10 MHz to 100 MHz while exhibiting high impedance characteristics to reduce EMI noise above these specific frequencies.

Stock No.	Mfr.'s Type	EIA Size	Typ. Imp. @ 100 MHz	DCR Ohms Max.	Current (mA)	EACH		
						1-499	500-4999	5000-10000
711-2590	BLM10B121SBPT	0402	120	1.100	50	.32	.19	.14
711-2594	BLM10B601SDPT	0402	600	1.500	50	.32	.19	.14
711-2596	BLM10B102SDPT	0402	1000	1.400	50	.32	.19	.14
711-2542	BLM11B750SPT	0603	75	0.350	200	.15	.07	.06
711-2598	BLM11B121SDPT	0603	120	0.400	200	.15	.09	.06
711-0998	BLM11B141SPT	0603	140	0.550	200	.14	.08	.07
711-2538	BLM11B421SPT	0603	420	0.550	200	.21	.10	.06
711-2600	BLM11B471SDPT	0603	470	0.550	200	.15	.09	.06
711-2540	BLM11B601SPT	0603	600	0.650	200	.13	.07	.06
711-2602	BLM11B102SPT	0603	1000	0.850	100	.15	.09	.06
711-2562	BLM21B050SPT	0805	5	0.070	500	.11	.08	.07
711-2604	BLM21B121SPT	0805	120	0.250	200	.20	.12	.08
711-2566	BLM21B201SPT	0805	200	0.350	200	.13	.07	.07
711-2606	BLM21B221SDPT	0805	220	0.250	200	.20	.12	.08
711-2570	BLM21B601SPT	0805	600	0.350	200	.20	.09	.07
711-2572	BLM21B751SPT	0805	750	0.400	200	.21	.09	.08
711-2564	BLM21B102SPT	0805	1000	0.400	200	.17	.11	.08
711-2568	BLM21B222SPT	0805	2200	0.600	200	.18	.10	.09
711-1126	BLM31B601SPT	1206	600	0.900	200	.23	.17	.15

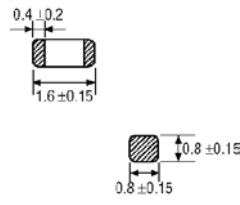
BLM __ P Series

- Suitable High Frequency Noise Suppression Over Wide Frequency Range
- Current Rating Up to 6 Amps
- Small Package Size — EIA STD 0603/0805/1206 and 1806
- Nickel Barrier Terminations Provide Excellent Solder Heat Resistance
- Low DCR
- For High Current DC Power Lines
- For Circuits Where a Stable Ground Is Unavailable

The BLM __ P Series ferrite beads offer high frequency noise suppression with the capability of handling large currents for DC power line applications.

Stock No.	Mfr.'s Type	EIA Size	Typ. Imp. @ 100 MHz	DCR Ohms Max.	Current (mA)	EACH		
						1-499	500-4999	5000-10000
711-2608	BLM11P300SPT	0603	30	0.060	1000	.15	.09	.06
711-2546	BLM11P600SPT	0603	60	0.100	500	.13	.08	.06
711-2574	BLM21P300SPT	0805	30	0.025	3000	.22	.11	.08
711-2610	BLM21P221SGPT	0805	220	0.025	2000	.21	.13	.09
711-2584	BLM31P500SPT	1206	50	0.025	3000	.29	.16	.13
711-2612	BLM31P391SGPT	1206	390	0.050	2000	.42	.25	.18
711-2614	BLM31P601SGPT	1206	600	0.090	1500	.42	.25	.18
711-2591	BLM41P600SPT	1806	60	0.010	6000	.53	.25	.23
711-2592	BLM41P750SPT	1806	75	0.025	3000	.74	.39	.31
711-1143	BLM41P800SPT	1806	80	0.100	1000	.54	.35	.34
711-2616	BLM41P471SGPT	1806	470	0.050	2000	.51	.30	.22
711-2618	BLM41P102SGPT	1806	1000	0.090	1500	.56	.33	.24

BLM __ HA/BLM __ HB Chip Ferrite Beads



Features

- High Impedance in the GHz Range
- Small Size
- Suitable for Circuits with Unstable Ground

Applications

- I/O Ports (BLM11HA)
- Signal Lines (BLM11HA)
- Computers and Peripheral Equipment (BLM11HB)
- High Speed Circuits (BLM11HB)

Stock No.	Mfr.'s Type	EIA Size	Typical Impedance (Ω)		DCR Max. (Ω)	Rated Current (mA)	EACH*
			@ 100 MHz	@ 1 GHz			
711-0523	BLM11HA471SGPT	0603	470	600	0.85	200	.36
711-0525	BLM11HA601SGPT	0603	600	700	1.00	200	.37
711-0527	BLM11HA102SGPT	0603	1000	1000	1.60	100	.39
711-0531	BLM11HB601SDPT	0603	600	1200	1.50	100	.41
711-2620	BLM11HB102SDPT	0603	1000	1700	1.85	50	.32

*Sold only in multiples of 100.

EMI Filter Kits

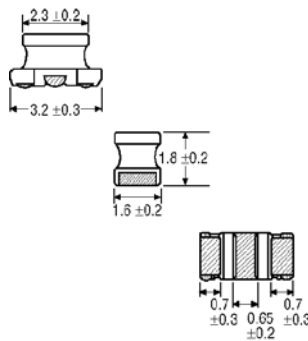
SMD EMI Filters

57 values.
711-3612, Kit-EK115E.....EACH 372.76

Surface Mount Ferrites

0603, 0805, 1206 and 1806 chip sizes.
711-3601, Kit-EKEM11UB.....EACH 81.34

NFM51R Chip Filters



Applications

- Noise Suppression for Compact Digital Instruments, Laptop, Personal Computers, HDTV, EDTV, Portable VTR, etc.
- Rated Voltage: 25 VDC
- Rated Current: 200 mA

The NFM51R Series chip is an efficient signal line noise suppression filter for high-speed digital signal lines where baseband frequencies and noise band frequencies are very close.

Stock No.	Mfr.'s Type	Cut-Off Frequency (MHz)	Minimum Attenuation (dB Min.)							EACH*
			10 MHz	20 MHz	50 MHz	100 MHz	200 MHz	500 MHz	1 GHz	
711-0533	NFM51R00P106	10	6†	5	25	25	25	30	30	1.06
711-0537	NFM51R00P206	20	—	6†	5	25	25	30	30	.50
711-0539	NFM51R00P506	50	—	—	6†	10	30	30	30	.50
711-0540	NFM51R10P107	100	—	—	—	6†	5	20	30	.36

*Sold only in multiples of 100. †dB max.