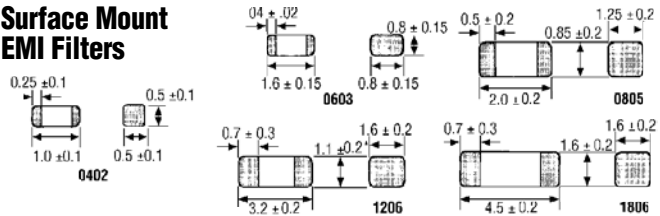


Visit Murata's Website at www.murata.com

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	8805	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	BLM31A700SPT*	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.

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	BLM21B121SBPT	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

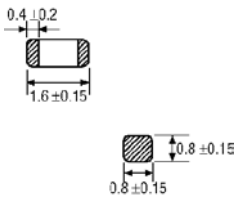
BLM __ P Series

- 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.

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.

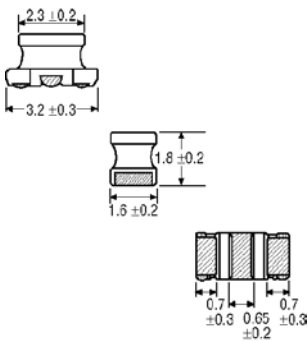
711-3612. Kit-EK115E.....EACH 372.76

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.