

MURATA EMI Suppression Filters (EMIFIL®) Chip Ferrite Beads *muRata*

RoHS Compliant This page of product is RoHS compliant.

INNOVATOR IN ELECTRONICS

BLM_A SERIES

BLM_A Series generates an impedance from the relatively low frequencies. Therefore, BLM_A Series is effective in noise suppression in a wide frequency range.

Features:

- Suitable for flow and reflow soldering
- Wide temperature range; -55°C to +125°C
- High Z characteristics

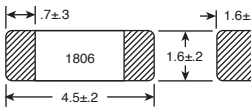
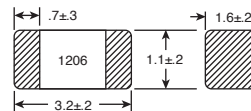
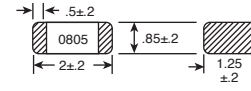
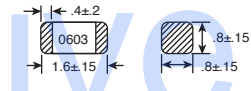
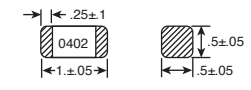
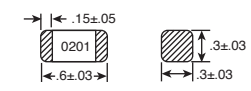
Applications:

- I/O ports, DC power lines, and signal lines

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	Case Code	Impedance (Ω)	Max. DC Current (mA)	Max. DCR (mΩ)	Price Each			
						1	10	100	500
81-BLM03AX100SN1D	BLM03AX100SN1D	0201 (0603 metric)	10	1000	50	.18	.098	.068	.061
81-BLM03AX800SN1D	BLM03AX800SN1D	0201 (0603 metric)	80	500	180	.18	.098	.068	.061
81-BLM03AX121SN1D	BLM03AX121SN1D	0201 (0603 metric)	120	450	230	.18	.098	.068	.061
81-BLM03AX241SN1D	BLM03AX241SN1D	0201 (0603 metric)	240	350	380	.18	.098	.068	.061
81-BLM03AG601SN1D	BLM03AG601SN1D	0201 (0603 metric)	600	100	1500	.13	.075	.051	.046
81-BLM03AX601SN1D	BLM03AX601SN1D	0201 (0603 metric)	600	250	850	.18	.098	.068	.061
81-BLM03AX102SN1D	BLM03AX102SN1D	0201 (0603 metric)	1000	200	1250	.18	.098	.068	.061
81-BLM15AG100SN1D	BLM15AG100SN1D	0402 (1005 metric)	10	1000	50	.11	.069	.037	.034
81-BLM15AX100SN1D	BLM15AX100SN1D	0402 (1005 metric)	10	1740	15	.12	.059	.041	.034
81-BLM15AG700SN1D	BLM15AG700SN1D	0402 (1005 metric)	70	500	150	.10	.031	.02	.015
81-BLM15AX700SN1D	BLM15AX700SN1D	0402 (1005 metric)	70	780	100	.12	.059	.041	.034
81-BLM15AG121SN1D	BLM15AG121SN1D	0402 (1005 metric)	120	500	250	.11	.069	.037	.034
81-BLM15AX121SN1D	BLM15AX121SN1D	0402 (1005 metric)	120	700	130	.12	.059	.041	.034
81-BLM15AG221SN1D	BLM15AG221SN1D	0402 (1005 metric)	220	450	350	.11	.069	.037	.034
81-BLM15AX221SN1D	BLM15AX221SN1D	0402 (1005 metric)	220	600	180	.12	.059	.041	.034
81-BLM15AG601SN1D	BLM15AG601SN1D	0402 (1005 metric)	600	300	600	.10	.056	.03	.027
81-BLM15AX601SN1D	BLM15AX601SN1D	0402 (1005 metric)	600	500	340	.12	.059	.041	.034
81-BLM15AG102SN1D	BLM15AG102SN1D	0402 (1005 metric)	1000	200	1000	.11	.069	.037	.034
81-BLM15AX102SN1D	BLM15AX102SN1D	0402 (1005 metric)	1000	350	490	.12	.059	.041	.034
81-BLM18AG121SH1D	BLM18AG121SH1D	0603 (1608 metric)	120	200	200	.12	.06	.041	.035
81-BLM11A121S	BLM18AG121SN1D	0603 (1608 metric)	120	500	180	.10	.065	.035	.032
81-BLM18AG151SN1D	BLM18AG151SN1D	0603 (1608 metric)	150	500	250	.10	.065	.035	.032
81-BLM11A221S	BLM18AG221SN1D	0603 (1608 metric)	220	500	250	.10	.065	.035	.032
81-BLM18AG221SH1D	BLM18AG221SH1D	0603 (1608 metric)	220	500	300	.12	.06	.041	.035
81-BLM18AG331SN1D	BLM18AG331SN1D	0603 (1608 metric)	330	500	300	.10	.064	.031	-
81-BLM18AG471SH1D	BLM18AG471SH1D	0603 (1608 metric)	470	500	350	.12	.06	.041	.035
81-BLM18AG471SN1D	BLM18AG471SN1D	0603 (1608 metric)	470	500	350	.10	.065	.035	.032
81-BLM18AG601SH1D	BLM18AG601SH1D	0603 (1608 metric)	600	200	500	.12	.06	.041	.035
81-BLM11A601S	BLM18AG601SN1D	0603 (1608 metric)	600	500	380	.10	.065	.035	.032
81-BLM18AG102SH1D	BLM18AG102SH1D	0603 (1608 metric)	1000	100	700	.12	.06	.041	.035
81-BLM11A102S	BLM18AG102SN1D	0603 (1608 metric)	1000	400	500	.10	.065	.035	.032
81-BLM21AG121SH1D	BLM21AG121SH1D	0805 (2012 metric)	120	200	150	.16	.091	.063	.056
81-BLM21AG121SN1D	BLM21AG121SN1D	0805 (2012 metric)	120	200	150	.14	.077	.053	.048
81-BLM21A121S	BLM21AF121SN1D	0805 (2012 metric)	120	2500	40	.14	.081	.056	.05
81-BLM21AF121SH1D	BLM21AF121SH1D	0805 (2012 metric)	120	2500	40	.18	.098	.068	.061
81-BLM21AG151SH1D	BLM21AG151SH1D	0805 (2012 metric)	150	200	150	.18	.098	.068	.061
81-BLM21AG151SN1D	BLM21AG151SN1D	0805 (2012 metric)	150	200	150	.10	.056	.056	.056
81-BLM21AG221SN1D	BLM21AG221SN1D	0805 (2012 metric)	220	200	200	.14	.081	.056	.05
81-BLM21AG331SN1	BLM21AG331SN1D	0805 (2012 metric)	330	200	250	.14	.081	.056	.05
81-BLM21AG471SH1D	BLM21AG471SH1D	0805 (2012 metric)	470	200	250	.18	.098	.068	.061
81-BLM21AG471SN1D	BLM21AG471SN1D	0805 (2012 metric)	470	200	250	.14	.081	.056	.05
81-BLM21AG601SH1D	BLM21AG601SH1D	0805 (2012 metric)	600	200	300	.17	.092	.064	.057
81-BLM21A601F	BLM21AG601SN1D	0805 (2012 metric)	600	200	300	.10	.052	.052	.052
81-BLM21A601S	BLM21AJ601SN1D	0805 (2012 metric)	600	200	1100	.15	.082	.056	.051
81-BLM21A102S	BLM21AH102SN1D	0805 (2012 metric)	1000	200	450	.16	.091	.063	.056
81-BLM21AG102SH1D	BLM21AG102SH1D	0805 (2012 metric)	1000	200	450	.20	.11	.075	.068
81-BLM21AG102SN1	BLM21AG102SN1D	0805 (2012 metric)	1000	200	450	.11	.058	.04	.04
81-BLM31A700S	BLM31AF700SN1L	1206 (3216 metric)	70	200	150	.24	.139	.125	.094
81-BLM31A601S	BLM31AJ601SN1L	1206 (3216 metric)	600	200	900	.33	.187	.169	.128
81-BLM31AJ601SH1L	BLM31AJ601SH1L	1206 (3216 metric)	600	200	900	.34	.192	.173	.131
81-BLM41A800S	BLM41AF800SN1L	1806 (4516 metric)	80	500	100	.33	.187	.168	.127
81-BLM41A151S	BLM41AF151SN1L	1806 (4516 metric)	150	200	500	.28	.181	.161	.133

DIMENSIONS: mm



BLM_B SERIES DESIGNED FOR HIGH SPEED SIGNALS

BLM_B series can minimize attenuation of the signal waveform due to its sharp impedance characteristics.

Features:

- Suitable for flow and reflow soldering
- Operating temperature: -55°C to +125°C
- High impedance characteristics

- Designed to reduce noise above operating frequencies from 10 to 100MHz

Applications:

- Computers and peripheral equipment
- Consumer products
- High speed circuits

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	Case Code	Impedance (Ω)	Max. DC Current (mA)	Max. DCR (mΩ)	Price Each			
						1	10	100	500
81-BLM15BB050SN1D	BLM15BB050SN1D	0402 (1005 metric)	5	500	80	.11	.054	.037	.031
81-BLM15BB100SN1D	BLM15BB100SN1D	0402 (1005 metric)	10	300	100	.11	.054	.037	.031
81-BLM15BB220SN1D	BLM15BB220SN1D	0402 (1005 metric)	22	300	200	.11	.054	.037	.031
81-BLM15BB470SN1D	BLM15BB470SN1D	0402 (1005 metric)	47	300	350	.11	.054	.037	.031
81-BLM15BB750SN1D	BLM15BB750SN1D	0402 (1005 metric)	75	300	400	.11	.054	.037	.031
81-BLM15BX750SN1D	BLM15BX750SN1D	0402 (1005 metric)	75	600	150	.12	.063	.043	.036
81-BLM15BB121SN1D	BLM15BB121SN1D	0402 (1005 metric)	120	300	550	.11	.054	.037	.031
81-BLM15BX121SN1D	BLM15BX121SN1D	0402 (1005 metric)	120	600	170	.12	.063	.043	.036
81-BLM15BB221SN1D	BLM15BB221SN1D	0402 (1005 metric)	220	200	800	.11	.054	.037	.031
81-BLM15BX221SN1D	BLM15BX221SN1D	0402 (1005 metric)	220	450	270	.12	.063	.043	.036
81-BLM15BD471SN1D	BLM15BD471SN1D	0402 (1005 metric)	470	200	600	.11	.054	.037	.031
81-BLM15BX471SN1D	BLM15BX471SN1D	0402 (1005 metric)	470	350	410	.12	.063	.043	.036
81-BLM15BD601SN1D	BLM15BD601SN1D	0402 (1005 metric)	600	200	650	.11	.054	.037	.031
81-BLM15BX601SN1D	BLM15BX601SN1D	0402 (1005 metric)	600	350	460	.12	.063	.043	.036
81-BLM15BD102SN1D	BLM15BD102SN1D	0402 (1005 metric)	1000	200	900	.11	.054	.037	.031
81-BLM15BX102SN1D	BLM15BX102SN1D	0402 (1005 metric)	1000	300	650	.12	.063	.043	.036
81-BLM15BX182SN1D	BLM15BX182SN1D	0402 (1005 metric)	1800	250	900	.12	.065	.045	.04
81-BLM18BA050SH1D	BLM18BA050SH1D	0603 (1608 metric)	5	500	200	.12	.062	.042	.036
81-BLM18BA050SN1D	BLM18BA050SN1D	0603 (1608 metric)	5	500	200	.11	.054	.037	.031
81-BLM18BB050SH1D	BLM18BB050SH1D	0603 (1608 metric)	5	700	100	.12	.062	.042	.036
81-BLM18BB050SN1D	BLM18BB050SN1D	0603 (1608 metric)	5	700	100	.11	.071	.038	.035
81-BLM18BB100SH1D	BLM18BB100SH1D	0603 (1608 metric)	10	500	150	.12	.062	.042	.036
81-BLM18BB100SN1D	BLM18BB100SN1D	0603 (1608 metric)	10	500	150	.11	.071	.038	.035