

MURATA EMI Suppression Filters (EMIFIL®) Chip Ferrite Beads



RoHS Compliant This product is RoHS compliant.

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 (@100MHz) (Ω)	Rated Current (mA)	Rdc Max. (Ω)	Category	Price Each			
							1	100	500	1000
81-BLM03AX100SN1D	BLM03AX100SN1D	0201	10	1000	0.05	Standard	.43	.177	.101	.08
81-BLM03AX800SN1D	BLM03AX800SN1D	0201	80	500	0.18	Standard	.43	.177	.101	.08
81-BLM03AX121SN1D	BLM03AX121SN1D	0201	120	450	0.23	Standard	.43	.177	.101	.08
81-BLM03AX241SN1D	BLM03AX241SN1D	0201	240	350	0.38	Standard	.43	.177	.101	.08
81-BLM03AG601SN1D	BLM03AG601SN1D	0201	600	100	1.5	Standard	.35	.163	.079	.064
81-BLM03AX601SN1D	BLM03AX601SN1D	0201	600	250	0.85	Standard	.43	.177	.101	.08
81-BLM03AX102SN1D	BLM03AX102SN1D	0201	1000	200	1.25	Standard	.43	.177	.101	.08
81-BLM15AX100SN1D	BLM15AX100SN1D	0603	10	1740	0.015	Automotive	.24	.114	.055	.045
81-BLM15AX700SN1D	BLM15AX700SN1D	0603	70	780	0.1	Automotive	.24	.114	.055	.045
81-BLM15AX121SN1D	BLM15AX121SN1D	0603	120	680	0.13	Automotive	.24	.114	.055	.045
81-BLM18AG121SH1D	BLM18AG121SH1D	0603	120	200	0.20	Automotive	.24	.115	.056	.045
81-BLM18AG151SH1D	BLM18AG151SH1D	0603	150	200	0.25	Automotive	.24	.115	.056	.045
81-BLM15AX221SN1D	BLM15AX221SN1D	0603	220	580	0.18	Automotive	.24	.114	.055	.045
81-BLM18AG221SH1D	BLM18AG221SH1D	0603	220	200	0.30	Automotive	.24	.115	.056	.045
81-BLM18AG471SH1D	BLM18AG471SH1D	0603	470	200	0.50	Automotive	.24	.115	.056	.045
81-BLM15AX601SN1D	BLM15AX601SN1D	0603	600	420	0.34	Automotive	.24	.114	.055	.045
81-BLM18AG601SH1D	BLM18AG601SH1D	0603	600	200	0.50	Automotive	.24	.115	.056	.045
81-BLM15AX102SN1D	BLM15AX102SN1D	0603	1000	350	0.49	Automotive	.24	.114	.055	.045
81-BLM18AG102SH1D	BLM18AG102SH1D	0603	1000	100	0.70	Automotive	.24	.115	.056	.045
81-BLM21AF121SH1D	BLM21AF121SH1D	0805	120	200	0.15	Automotive	.40	.166	.095	.077
81-BLM21A121S	BLM21A121S	0805	120	200	0.15	Standard	.37	.177	.085	.069
81-BLM21AG121SH1D	BLM21AG121SH1D	0805	120	200	0.15	Automotive	.39	.163	.093	.073
81-BLM21AG151SH1D	BLM21AG151SH1D	0805	150	200	0.15	Automotive	.40	.166	.095	.077
81-BLM21AG471SH1D	BLM21AG471SH1D	0805	470	200	0.25	Automotive	.40	.166	.095	.077
81-BLM21AG601SH1D	BLM21AG601SH1D	0805	600	200	0.30	Automotive	.39	.163	.093	.073
81-BLM21AJ601SH1D	BLM21AJ601SH1D	0805	600	200	0.30	Automotive	.40	.166	.095	.077
81-BLM21AJ601S	BLM21AJ601S	0805	600	200	0.30	Standard	.37	.176	.084	.069
81-BLM21AG102SH1D	BLM21AG102SH1D	0805	1000	200	0.45	Automotive	.49	.196	.112	.088
81-BLM21AH102SH1D	BLM21AH102SH1D	0805	1000	200	0.45	Automotive	.46	.189	.108	.085
81-BLM21A102S	BLM21A102S	0805	1000	200	0.45	Standard	.39	.163	.093	.073
81-BLM31AJ260SH1L	BLM31AJ260SH1L	1206	26	500	0.05	Automotive	.52	.246	.157	.122
81-BLM31A260S	BLM31A260S	1206	26	500	0.05	Standard	.52	.246	.157	.122
81-BLM31AF700SH1L	BLM31AF700SH1L	1206	70	200	0.15	Automotive	.53	.249	.16	.124
81-BLM31A700S	BLM31A700S	1206	70	200	0.15	Standard	.52	.246	.158	.122
81-BLM31AJ601SH1L	BLM31AJ601SH1L	1206	600	200	0.90	Automotive	.72	.352	.23	.181
81-BLM31AJ601S	BLM31AJ601S	1206	600	200	0.90	Standard	.70	.335	.214	.167
81-BLM41A800S	BLM41A800S	1806	80	500	0.10	Standard	.70	.335	.214	.167
81-BLM41AF151SH1L	BLM41AF151SH1L	1806	150	200	0.50	Automotive	.75	.361	.231	.18
81-BLM41A151S	BLM41A151S	1806	150	200	0.50	Standard	.75	.361	.231	.18

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

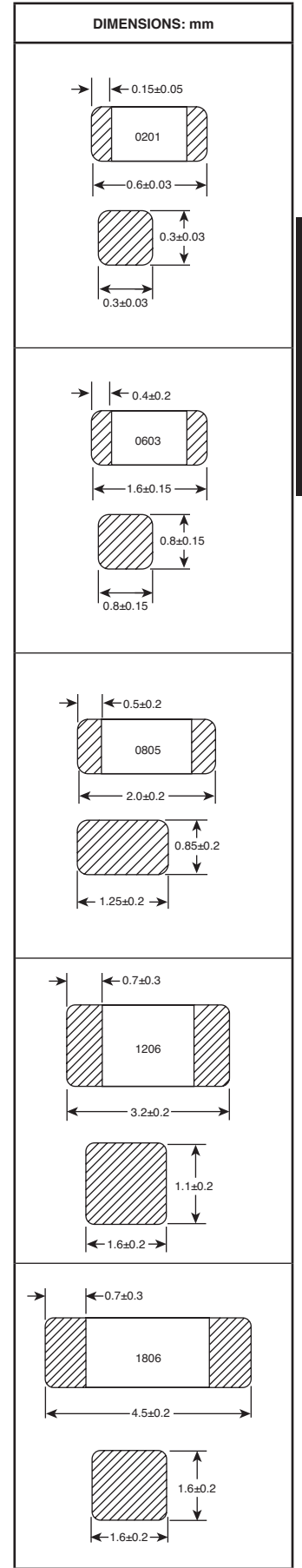
- Designed to reduce noise above operating frequencies from 10 to 100MHz

Applications:

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

For quantities greater than listed, call for quote.

81-BLM18BA050SH1D	BLM18BA050SH1D	0603	5	500	0.20	Automotive	.25	.119	.06	.049
81-BLM18BB050SH1D	BLM18BB050SH1D	0603	5	700	0.10	Automotive	.25	.119	.06	.049
81-BLM18BA100SH1D	BLM18BA100SH1D	0603	10	500	0.20	Automotive	.25	.119	.06	.049
81-BLM18BB100SH1D	BLM18BB100SH1D	0603	10	500	0.15	Automotive	.25	.119	.06	.049
81-BLM18BA220SH1D	BLM18BA220SH1D	0603	22	500	0.35	Automotive	.25	.119	.06	.049
81-BLM18BB220SH1D	BLM18BB220SH1D	0603	22	500	0.25	Automotive	.25	.119	.06	.049
81-BLM18BA470SH1D	BLM18BA470SH1D	0603	47	300	0.55	Automotive	.25	.119	.06	.049
81-BLM18BB470SH1D	BLM18BB470SH1D	0603	47	500	0.30	Automotive	.25	.119	.06	.049
81-BLM18BB600SH1D	BLM18BB600SH1D	0603	60	200	0.35	Automotive	.25	.119	.06	.049
81-BLM18BB750SH1D	BLM18BB750SH1D	0603	75	200	0.35	Automotive	.25	.119	.06	.049
81-BLM18BA750SH1D	BLM18BA750SH1D	0603	75	300	0.70	Automotive	.25	.119	.06	.049
81-BLM18BA121SH1D	BLM18BA121SH1D	0603	120	200	0.90	Automotive	.25	.119	.06	.049
81-BLM18BB121SH1D	BLM18BB121SH1D	0603	120	200	0.50	Automotive	.25	.119	.06	.049
81-BLM18BD121SH1D	BLM18BD121SH1D	0603	120	200	0.40	Automotive	.25	.119	.06	.049
81-BLM18BB141SH1D	BLM18BB141SH1D	0603	140	200	0.55	Automotive	.25	.119	.06	.049
81-BLM18BB151SH1D	BLM18BB151SH1D	0603	150	200	0.55	Automotive	.25	.119	.06	.049
81-BLM18BD151SH1D	BLM18BD151SH1D	0603	150	200	0.40	Automotive	.25	.119	.06	.049
81-BLM18BB221SH1D	BLM18BB221SH1D	0603	220	200	0.65	Automotive	.25	.119	.06	.049
81-BLM18BD221SH1D	BLM18BD221SH1D	0603	220	200	0.45	Automotive	.25	.119	.06	.049
81-BLM18BB331SH1D	BLM18BB331SH1D	0603	330	200	0.75	Automotive	.25	.119	.06	.049
81-BLM18BD331SH1D	BLM18BD331SH1D	0603	330	200	0.50	Automotive	.25	.119	.06	.049
81-BLM18BD421SH1D	BLM18BD421SH1D	0603	420	200	0.55	Automotive	.25	.119	.06	.049
81-BLM18BB471SH1D	BLM18BB471SH1D	0603	470	50	1.00	Automotive	.25	.119	.06	.049
81-BLM18BD471SH1D	BLM18BD471SH1D	0603	470	200	0.55	Automotive	.25	.119	.06	.049
81-BLM18BD601SH1D	BLM18BD601SH1D	0603	600	200	0.65	Automotive	.25	.119	.06	.049
81-BLM18BD102SH1D	BLM18BD102SH1D	0603	1000	100	0.85	Automotive	.25	.119	.06	.049
81-BLM18BD152SH1D	BLM18BD152SH1D	0603	1500	50	1.20	Automotive	.25	.119	.06	.049
81-BLM18BD182SH1D	BLM18BD182SH1D	0603	1800	50	1.50	Automotive	.25	.119	.06	.049
81-BLM18BD222SH1D	BLM18BD222SH1D	0603	2200	50	1.50	Automotive	.25	.119	.06	.049
81-BLM18BD252SH1D	BLM18BD252SH1D	0603	2500	50	1.50	Automotive	.25	.119	.06	.049
81-BLM21BB050SH1D	BLM21BB050SH1D	0805	5	500	0.07	Automotive	.45	.188	.107	.085
81-BLM21BB600SH1D	BLM21BB600SH1D	0805	60	200	0.20	Automotive	.40	.166	.095	.077
81-BLM21BB750SH1D	BLM21BB750SH1D	0805	75	200	0.25	Automotive	.40	.166	.095	.077
81-BLM21BB121SH1D	BLM21BB121SH1D	0805	120	200	0.25	Automotive	.40	.166	.095	.077
81-BLM21BD121SH1D	BLM21BD121SH1D	0805	120	200	0.25	Automotive	.40	.166	.095	.077
81-BLM21BB151SH1D	BLM21BB151SH1D	0805	150	200	0.25	Automotive	.40	.166	.095	.077
81-BLM21BD151SH1D	BLM21BD151SH1D	0805	150	200	0.25	Automotive	.40	.166	.095	.077
81-BLM21BB201SH1D	BLM21BB201SH1D	0805	200	200	0.35	Automotive	.51	.196	.111	.088
81-BLM21BB221SH1D	BLM21BB221SH1D	0805	220	200	0.35	Automotive	.40	.166	.095	.077
81-BLM21BD221SH1D	BLM21BD221SH1D	0805	220	200	0.25	Automotive	.40	.166	.095	.077
81-BLM21BB331SH1D	BLM21BB331SH1D	0805	330	200	0.40	Automotive	.40	.166	.095	.077
81-BLM21BD331SH1D	BLM21BD331SH1D	0805	330	200	0.30	Automotive	.40	.166	.095	.077
81-BLM21BD421SH1D	BLM21BD421SH1D	0805	420	200	0.30	Automotive	.40	.166	.095	.077
81-BLM21BB471SH1D	BLM21BB471SH1D	0805	470	200	0.45	Automotive	.40	.166	.095	.077
81-BLM21BD471SH1D	BLM21BD471SH1D	0805	470	200	0.35	Automotive	.40	.166	.095	.077
81-BLM21BD601SH1D	BLM21BD601SH1D	0805	600	200	0.35	Automotive	.45	.188	.107	.085
81-BLM21BD751SH1D	BLM21BD751SH1D	0805	750	200	0.40	Automotive	.49	.196	.112	.088
81-BLM21BD102SH1D	BLM21BD102SH1D	0805	1000	200	0.40	Automotive	.49	.196	.112	.088
81-BLM21BD152SH1D	BLM21BD152SH1D	0805	1500	200	0.45	Automotive	.47	.223	.143	.111
81-BLM21BD182SH1D	BLM21BD182SH1D	0805	1800	200	0.50	Automotive	.47	.223	.143	.111
81-BLM21BD222SH1L	BLM21BD222SH1L	0805	2200	200	0.60	Automotive	.47	.223	.143	.111
81-BLM21BD222TH1D	BLM21BD222TH1D	0805	2200	200	0.60	Automotive	.47	.223	.143	.111
81-BLM21BD272SH1L	BLM21BD272SH1L	0805	2700	200	0.80	Automotive	.47	.223	.143	.111



EMI Suppression Murata