

# MURATA EMI Suppression Filters (EMIFIL®) Chip Ferrite Beads



RoHS Compliant This product is RoHS compliant.

The chip ferrite beads BLM series comprises ferrite bead in the shape of a chip. This ferrite bead generates a high impedance which at high frequency mainly consists of a resistance element. The BLM series is effective in circuits without stable ground lines because the BLM series does not need a connection to ground. The nickel barrier structure of the external electrodes provides excellent solder heat resistance.

## BLM\_B SERIES DESIGNED FOR HIGH SPEED SIGNALS

The BLM\_B series can minimize attenuation of the signal waveform due to its sharp impedance characteristics.

- Features:**
- Designed to reduce noise above operating frequencies from 10 to 100MHz
  - High impedance characteristics
  - Suitable for flow and reflow soldering
  - Operating temperature: -55°C to +125°C

- Applications:**
- Computers and peripheral equipment
  - Consumer products
  - High speed circuits

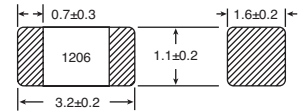
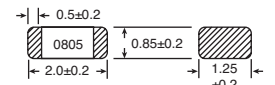
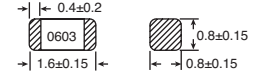
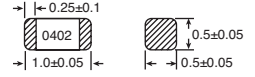


RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	Case Code	Impedance (at 100MHz) (Ω)	Rated Current (mA)	Rdc Max. (Ω)	Price Each				Reel Qty.	Price Per Piece
						1	50	100	500		
81-BLM15BB050SN1D	BLM15BB050SN1D	0402	5	500	.08	.22	.13	.105	.051	10000	.026
81-BLM15BB100SN1D	BLM15BB100SN1D	0402	10	300	.10	.22	.13	.105	.051	10000	.026
81-BLM15BB220SN1D	BLM15BB220SN1D	0402	22	300	.20	.22	.13	.105	.051	10000	.026
81-BLM15BB470SN1D	BLM15BB470SN1D	0402	47	300	.35	.22	.13	.105	.051	10000	.026
81-BLM15BB750SN1D	BLM15BB750SN1D	0402	75	300	.40	.22	.13	.105	.051	10000	.026
81-BLM15BB121SN1D	BLM15BB121SN1D	0402	120	300	.55	.22	.13	.105	.051	10000	.026
81-BLM15BB221SN1D	BLM15BB221SN1D	0402	220	200	.80	.22	.13	.105	.051	10000	.026
81-BLM15BD471SN1D	BLM15BD471SN1D	0402	470	200	.60	.22	.13	.105	.051	10000	.026
81-BLM15BD601SN1D	BLM15BD601SN1D	0402	600	200	.65	.22	.13	.105	.051	10000	.026
81-BLM15BD102SN1D	BLM15BD102SN1D	0402	1K	200	.90	.22	.13	.105	.051	10000	.026
81-BLM18BA050SN1D	BLM18BA050SN1D	0603	5	500	.20	.22	.13	.105	.051	4000	.026
81-BLM18BA100SN1D	BLM18BA100SN1D	0603	10	500	.25	.22	.13	.105	.051	4000	.026
81-BLM18BA220SN1D	BLM18BA220SN1D	0603	22	500	.35	.22	.13	.105	.051	4000	.026
81-BLM18BA470SN1D	BLM18BA470SN1D	0603	47	300	.55	.22	.13	.105	.051	4000	.026
81-BLM18BA750SN1D	BLM18BA750SN1D	0603	75	300	.70	.22	.13	.105	.051	4000	.026
81-BLM18BA121SN1D	BLM18BA121SN1D	0603	120	200	.90	.22	.13	.105	.051	4000	.026
81-BLM18BB050SN1D	BLM18BB050SN1D	0603	5	700	.10	.20	.14	.115	.059	4000	.025
81-BLM18BB100SN1D	BLM18BB100SN1D	0603	10	500	.15	.20	.14	.115	.059	4000	.025
81-BLM18BB220S	BLM18BB220SN1D	0603	22	500	.25	.20	.14	.115	.059	4000	.025
81-BLM18BB470SN1D	BLM18BB470SN1D	0603	47	500	.30	.20	.14	.115	.059	4000	.025
81-BLM18BB600S	BLM18BB600SN1D	0603	60	200	.35	.20	.14	.115	.059	4000	.025
81-BLM11B750S	BLM18BB750SN1D	0603	75	200	.35	.20	.14	.115	.059	4000	.025
81-BLM18BB121SN1D	BLM18BB121SN1D	0603	120	200	.50	.20	.14	.115	.059	4000	.025
81-BLM11B141S	BLM18BB141SN1D	0603	140	200	.55	.20	.14	.115	.059	4000	.025
81-BLM18BB151SN1D	BLM18BB151SN1D	0603	150	200	.55	.20	.14	.115	.059	4000	.025
81-BLM18BB221SN1D	BLM18BB221SN1D	0603	220	200	.65	.20	.14	.115	.059	4000	.025
81-BLM18BB331SN1D	BLM18BB331SN1D	0603	330	200	.75	.20	.14	.115	.059	4000	.025
81-BLM18BB471SN1D	BLM18BB471SN1D	0603	470	50	1.0	.20	.14	.115	.059	4000	.025
81-BLM18BD121SN1D	BLM18BD121SN1D	0603	120	200	.40	.20	.14	.115	.059	4000	.025
81-BLM18BD151SN1D	BLM18BD151SN1D	0603	150	200	.40	.20	.14	.115	.059	4000	.025
81-BLM18BD221SN1D	BLM18BD221SN1D	0603	220	200	.45	.20	.14	.115	.059	4000	.025
81-BLM18BD331SN1D	BLM18BD331SN1D	0603	330	200	.50	.20	.14	.115	.059	4000	.025
81-BLM11B421S	BLM18BD421SN1D	0603	420	200	.55	.20	.14	.115	.059	4000	.025
81-BLM18BD471SN1D	BLM18BD471SN1D	0603	470	200	.55	.20	.14	.115	.059	4000	.025
81-BLM11B601S	BLM18BD601SN1D	0603	600	200	.65	.20	.14	.115	.059	4000	.025
81-BLM18BD102SN1D	BLM18BD102SN1D	0603	1K	100	.85	.20	.14	.115	.059	4000	.025
81-BLM18BD152SN1D	BLM18BD152SN1D	0603	1.5K	50	1.2	.22	.13	.105	.051	4000	.026
81-BLM18BD182SN1D	BLM18BD182SN1D	0603	1.8K	50	1.5	.22	.13	.105	.051	4000	.026
81-BLM18BD222SN1D	BLM18BD222SN1D	0603	2.2K	50	1.5	.22	.13	.105	.051	4000	.026
81-BLM18BD252SN1D	BLM18BD252SN1D	0603	2.5K	50	1.5	.22	.13	.105	.051	4000	.026
81-BLM21B050S	BLM21BB050SN1D	0805	5	500	.07	.38	.234	.155	.089	4000	.046
81-BLM21BB600SN1D	BLM21BB600SN1D	0805	60	200	.20	.37	.213	.177	.085	4000	.043
81-BLM21B750S	BLM21BB750SN1D	0805	75	200	.25	.37	.213	.177	.085	4000	.043
81-BLM21B121S	BLM21BB121SN1D	0805	120	200	.25	.37	.213	.177	.085	4000	.043
81-BLM21BB151SN1D	BLM21BB151SN1D	0805	150	200	.25	.37	.213	.177	.085	4000	.043
81-BLM21B201S	BLM21BB201SN1D	0805	200	200	.35	.39	.245	.163	.093	4000	.049
81-BLM21B221S	BLM21BB221SN1D	0805	220	200	.35	.37	.213	.177	.085	4000	.043
81-BLM21BB331SN1D	BLM21BB331SN1D	0805	330	200	.40	.37	.213	.177	.085	4000	.043
81-BLM21BB471SN1D	BLM21BB471SN1D	0805	470	200	.45	.37	.213	.177	.085	4000	.043
81-BLM21BD121SN1D	BLM21BD121SN1D	0805	120	200	.25	.37	.213	.177	.085	4000	.043
81-BLM21BD151SN1D	BLM21BD151SN1D	0805	150	200	.25	.37	.213	.177	.085	4000	.043
81-BLM21BD221SN1D	BLM21BD221SN1D	0805	220	200	.25	.37	.213	.177	.085	4000	.043
81-BLM21BD331SN1D	BLM21BD331SN1D	0805	330	200	.30	.37	.213	.177	.085	4000	.043
81-BLM21BD421SN1D	BLM21BD421SN1D	0805	420	200	.30	.37	.213	.177	.085	4000	.043
81-BLM21BD471SN1D	BLM21BD471SN1D	0805	470	200	.35	.37	.213	.177	.085	4000	.043
81-BLM21B601S	BLM21BD601SN1D	0805	600	200	.35	.38	.234	.155	.089	4000	.046
81-BLM21B751S	BLM21BD751SN1D	0805	750	200	.40	.39	.245	.163	.093	4000	.049
81-BLM21B102S	BLM21BD102SN1D	0805	1000	200	.40	.39	.245	.163	.093	4000	.049
81-BLM21BD152SN1D	BLM21BD152SN1D	0805	1.5K	200	.45	.53	.331	.216	.123	4000	.066
81-BLM21BD182SN1D	BLM21BD182SN1D	0805	1.8K	200	.50	.53	.331	.216	.123	4000	.066
81-BLM21BD222TN1D	BLM21BD222TN1D	0805	2.2K	200	.60	.53	.331	.216	.123	4000	.066
81-BLM21B222S	BLM21BD222SN1L	0805	2200	200	.60	.53	.331	.216	.123	3000	.066
81-BLM21BD272SN1L	BLM21BD272SN1L	0805	2.7K	200	.80	.53	.331	.216	.123	3000	.066
81-BLM31B601S	BLM31BE601SN1L	1206	600	300	.35	.70	.469	.335	.214	3000	.117

DIMENSIONS: mm



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