



Features

- Small size and high impedance.
- Monolithic structure.
- Low DC resistance structure of electrode prevents wasteful electric power consumption

General Specifications

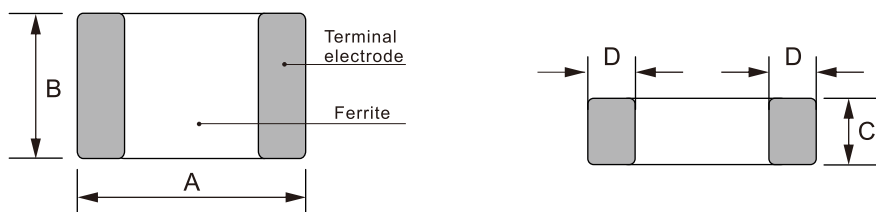
- Operating temp range: -55°C to +125°C
- Storage temp range: -40°C to +85°C

Applications

- Computers
- VCRS, Television, Pagers
- Cellular phones.
- Various electronics equipments
- Digital communication equipment



► Dimensions & Configurations (Unit:mm)



Type	A	B	C	D
MSMB100505(0402)	1.0±0.05	0.5±0.05	0.5±0.05	0.25±0.1
MSMB160808(0603)	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2
MSMB201209(0805)	2.0±0.2	1.25±0.2	0.9±0.2	0.5±0.3
MSMB321611(1206)	3.2±0.2	1.6±0.2	1.1±0.2	0.5±0.3
MSMB322513(1210)	3.2±0.2	2.5±0.2	1.3±0.2	0.8±0.3
MSMB451616(1806)	4.5±0.2	1.6±0.2	1.6±0.2	0.8±0.3
MSMB453215(1812)	4.5±0.2	3.2±0.2	1.5±0.2	0.8±0.3

► Electrical Characteristics For MSMB100505 Series

Part Number	Impedance (100MHz) [Ω]±25%	DCR(max) [Ω]	Rated Current [mA]
MSMB100505A300	30	0.20	300
MSMB100505A600	60	0.25	300
MSMB100505A121	120	0.40	300
MSMB100505A221	220	0.70	300
MSMB100505A301	300	0.80	300
MSMB100505A471	470	1.00	200
MSMB100505A601	600	1.00	200
MSMB100505A102	1000	1.00	200
MSMB100505K152	1500	1.50	150
MSMB100505K182	1800	1.50	150

▶ Electrical Characteristics For MSMB160808 Series

Part Number	Impedance (100MHz) [Ω]±25%	DCR(max) [Ω]	Rated Current [mA]
MSMB160808A300	30	0.20	700
MSMB160808A600	60	0.20	700
MSMB160808A121	120	0.25	600
MSMB160808A151	150	0.25	600
MSMB160808A221	220	0.30	550
MSMB160808A301	300	0.35	500
MSMB160808A471	470	0.45	350
MSMB160808A601	600	0.50	350
MSMB160808A102	1000	0.70	200
MSMB160808K152	1500	1.00	200
MSMB160808K202	2000	1.20	150

▶ Electrical Characteristics For MSMB201209 Series

PartNumber	Impedance (100MHz) [Ω]±25%	DCR(max) [Ω]	Rated Current [mA]
MSMB201209A300	30	0.10	900
MSMB201209A400	40	0.10	800
MSMB201209A600	60	0.10	800
MSMB201209A121	120	0.20	750
MSMB201209A151	150	0.20	700
MSMB201209A221	220	0.30	700
MSMB201209A301	300	0.30	600
MSMB201209A471	470	0.35	600
MSMB201209A601	600	0.40	500
MSMB201209A102	1000	0.45	400
MSMB201209A152	1500	0.70	300
MSMB201209B101	100	0.20	300
MSMB201209B272	2700	0.60	200

► Electrical Characteristics For MSMB321611 Series

Part Number	Impedance (100MHz) [Ω]±25%	DCR(max) [Ω]	Rated Current [mA]
MSMB321611A260	26	0.10	800
MSMB321611A310	31	0.10	800
MSMB321611A520	52	0.15	800
MSMB321611A600	60	0.15	500
MSMB321611A700	70	0.15	500
MSMB321611A101	100	0.20	450
MSMB321611A121	120	0.20	450
MSMB321611A151	150	0.20	450
MSMB321611A221	220	0.20	350
MSMB321611A301	300	0.20	350
MSMB321611A401	400	0.25	350
MSMB321611A601	600	0.25	350
MSMB321611A751	750	0.30	350
MSMB321611A102	1000	0.35	350
MSMB321611A152	1500	0.40	350

► Electrical Characteristics For MSMB322513 Series

Part Number	Impedance (100MHz) [Ω]±25%	DCR(max) [Ω]	Rated Current [mA]
MSMB322513A310	31	0.1	500
MSMB322513A520	52	0.3	400
MSMB322513A600	60	0.3	400

► Electrical Characteristics For MSMB451616 Series

Part Number	Impedance (100MHz) [Ω]±25%	DCR(max) [Ω]	Rated Current [mA]
MSMB451616A600	60	0.2	500
MSMB451616A800	80	0.3	400
MSMB451616A101	100	0.3	400
MSMB451616A151	150	0.5	200
MSMB451616A601	600	0.8	200

► Electrical Characteristics For MSMB453215 Series

Part Number	Impedance (100MHz) [Ω]±25%	DCR(max) [Ω]	Rated Current [mA]
MSMB453215A600	60	0.2	500
MSMB453215A121	120	0.2	500
MSMB453215A151	150	0.2	500