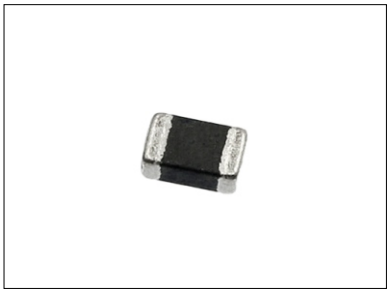
Multilayer Chip Suppressors (Chip Beads)
MSMC Series - Rated Current: 4-6A

Meisongbei



Features

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

General Specifications

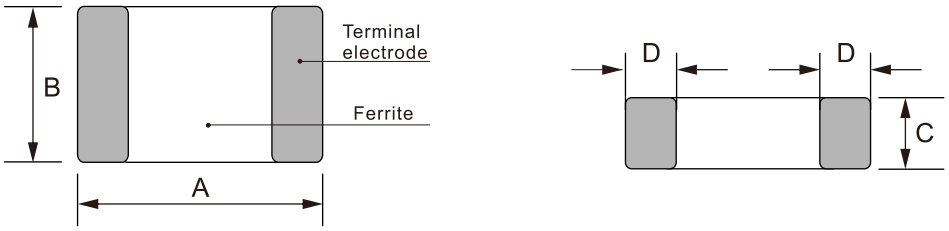
- Operating temp range: -55°C to +125°C
- Storage temp range: -40°C to +85°C

Applications

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

RoHS COMPLIANT | REACH COMPLIANT | Halogen Free (Cl, Br)

Dimensions & Configurations (Unit:mm)



Type	A	B	C	D
MSMC1608 (0603)	1.6±0.2	0.8±0.15	0.8±0.15	0.3±0.2
MSMC2012 (0805)	2.0(+0.3/-0.1)	1.25±0.2	0.9±0.2	0.5±0.3
MSMC3216 (1206)	3.2±0.2	1.6±0.2	0.9±0.2	0.5±0.3
MSMC3225 (1210)	3.2±0.2	2.5±0.2	1.3±0.2	0.8±0.3
MSMC4516 (1806)	4.5±0.2	1.6±0.2	1.6±0.2	0.8±0.2
MSMC4532 (1812)	4.5±0.2	3.2±0.2	1.5±0.2	0.8±0.2
MSMC5650 (2220)	5.6±0.5	5.08±0.25	1.8±0.25	0.76±0.25
MSMC8530 (3312)	8.5±0.2	3.2±0.2	2.28±0.2	0.89±0.2

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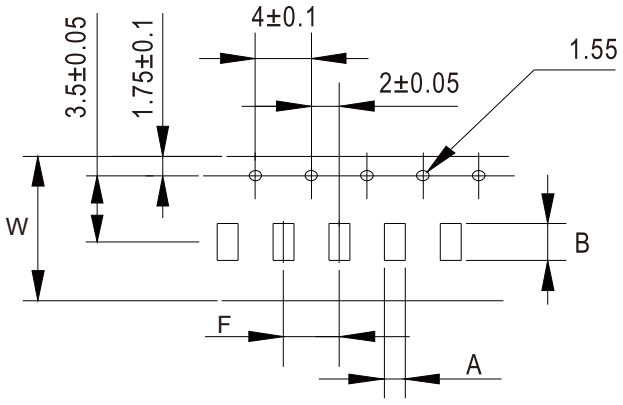
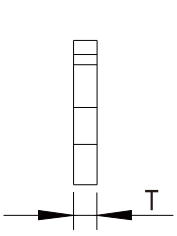
Electrical Characteristics For MSMC Series

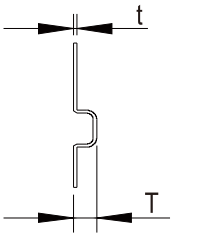
Part Number	Impedance (100MHz) [Ω]±25%	DCR(max) [Ω]	IDC(max) [mA]
1608 Series			
MSMC160808A260	26	0.007	6000
2012 Series			
MSMC201209H070	7	0.008	6000
MSMC201209H110	11	0.008	6000
MSMC201209A170	17	0.008	6000
MSMC201209A300	30	0.008	6000
MSMC201209A390	39	0.008	6000
MSMC201209A600	60	0.020	6000
MSMC201209A800	80	0.020	6000
MSMC201209A121	120	0.025	6000
3216 Series			
MSMC321611A310	31	0.006	6000
MSMC321611A520	52	0.008	6000
MSMC321611A800	80	0.020	4000
MSMC321611A121	120	0.025	5000
3225 Series			
MSMC322513A520	52	0.008	6000
MSMC322513A600	60	0.008	6000
4516 Series			
MSMC451616A600	60	0.008	6000
4532 Series			
MSMC453215A600	60	0.008	6000
MSMC453215A121	120	0.020	6000
MSMC453215A151	150	0.020	6000
MSMC453215B700	70	0.008	6000
5650 Series			
MSMC565018K101	100	0.006	6000
MSMC565018K151	150	0.015	5000
MSMC565018K181	180	0.020	5000
MSMC565018K251	250	0.015	4000
8530 Series			
MSMC853022K101	100	0.004	10000

Tape & Reel Specifications:

Unit: mm







Type	Tape Dimensions (mm)						Tape type	Reel OD (mm)	Quantity PCS / Reel
	W	A	B	F	T	t			
MSMC160808	8	1.00	1.80	4.0	1.10	-	Paper Tape	178	4,000
MSMC201209	8	1.50	2.30	4.0	1.10	-	Paper Tape	178	4,000
MSMC321611	8	1.88	3.50	4.0	1.49	0.22	Embossed Tape	178	3,000
MSMC322513	8	2.90	3.50	4.0	1.65	0.28	Embossed Tape	178	2,000
MSMC451616	12	1.93	4.95	4.0	2.03	0.35	Embossed Tape	178	2,000
MSMC453215	12	3.66	4.95	4.0	1.95	0.33	Embossed Tape	178	1,000
MSMC565018	24	1.93	4.95	16.0	2.18	0.33	Embossed Tape	330	2,000
MSMC853022	24	3.66	4.95	16.0	2.67	0.33	Embossed Tape	330	2,500