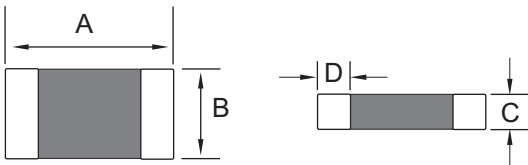


Multilayer Ferrite Chip Bead



Features and Applications

- Rated Current <1A.
- This series for Signal Line.
- DSC,DVC,LCD Television,Digital communication equipment, Various automotive electronics,Notebook, etc.



Dimensions (Unit:mm)

Type	A	B	C	D(Ref.)
EMCC0201	0.6±0.03	0.3±0.03	0.3±0.03	0.1~0.2
EMCC0402	1.0±0.05	0.5±0.05	0.5±0.05	0.1~0.3
EMCC0603	1.6±0.15	0.8±0.15	0.8±0.15	0.2~0.6
EMCC0805	2.0±0.2	1.25±0.2	0.9+0.15/-0.2	0.2~0.8
EMCC1206	3.2±0.2	1.6±0.2	1.1±0.2	0.4~1.0
EMCC1206H	3.2±0.2	1.6±0.2	1.6±0.2	0.4~1.0
EMCC1210	3.2±0.2	2.5±0.2	1.3±0.2	0.6~1.0
EMCC1806	4.5±0.2	1.6±0.2	1.6±0.2	0.6~1.0
EMCC1812	4.5±0.2	3.2±0.2	1.5±0.2	0.6~1.0

Material Characteristics

Effective Range of Noise Suppression					Applications
	1 MHz	10 MHz	100 MHz	1 GHz	
EMCC-A					General Signal Line
EMCC-B					High Speed Signal Line
EMCC-K					General Signal Line Frequency Higher Than Material A
EMCC-H					Ultra High Speed Signal Line(>100MHz)

Electrical Specifications-EMCC0201

P/N	Impedance(100MHz) (Ω) $\pm 25\%$	DCR(Max) (Ω)	Rated Current(Max) (mA)
EMCC0201A400	40	0.30	300
EMCC0201A500	50	0.30	300
EMCC0201A600	60	0.35	300
EMCC0201A700	70	0.35	300
EMCC0201A121	120	0.45	200
EMCC0201A151	150	0.50	200
EMCC0201A221	220	0.75	200
EMCC0201A301	300	0.90	150

Electrical Specifications-EMCC0402

P/N	Impedance(100MHz) (Ω) $\pm 25\%$	DCR(Max) (Ω)	Rated Current(Max) (mA)
EMCC0402A100	10	0.05	500
EMCC0402A300	30	0.20	300
EMCC0402A600	60	0.40	200
EMCC0402A700	70	0.40	200
EMCC0402A800	80	0.40	200
EMCC0402A101	100	0.45	200
EMCC0402A121	120	0.50	200
EMCC0402A151	150	0.60	200
EMCC0402A181	180	0.65	100
EMCC0402A221	220	0.70	100
EMCC0402A301	300	0.75	100
EMCC0402A331	330	0.75	100
EMCC0402A471	470	0.90	100
EMCC0402A501	500	1.00	100
EMCC0402A601	600	1.10	50
EMCC0402A102	1000	1.50	50
EMCC0402B300	30	0.20	300
EMCC0402B600	60	0.40	200
EMCC0402B101	100	0.50	200
EMCC0402B121	120	0.50	200
EMCC0402B221	220	0.80	100
EMCC0402B301	300	0.85	100
EMCC0402B471	470	1.00	100
EMCC0402B601	600	1.50	50
EMCC0402K300	30	0.15	300
EMCC0402K600	60	0.30	200
EMCC0402K101	100	0.50	200
EMCC0402K121	120	0.50	200
EMCC0402K221	220	0.80	100
EMCC0402K301	300	0.85	100
EMCC0402K471	470	1.00	100
EMCC0402K601	600	1.50	50
EMCC0402H100	10	0.10	500
EMCC0402H300	30	0.20	300
EMCC0402H600	60	0.40	300
EMCC0402H101	100	0.55	300
EMCC0402H121	120	0.55	300
EMCC0402H221	220	0.80	200
EMCC0402H301	300	1.00	100
EMCC0402H471	470	1.50	50
EMCC0402H601	600	2.50	50

Electrical Specifications-EMCC0603

P/N	Impedance(100MHz) (Ω) $\pm 25\%$	DCR(Max) (Ω)	Rated Current(Max) (mA)
EMCC0603A190	19	0.10	400
EMCC0603A310	31	0.10	400
EMCC0603A520	52	0.15	400
EMCC0603A600	60	0.15	400
EMCC0603A800	80	0.15	400
EMCC0603A101	100	0.15	400
EMCC0603A121	120	0.15	400
EMCC0603A151	150	0.15	400
EMCC0603A181	180	0.20	400
EMCC0603A201	200	0.20	400
EMCC0603A221	220	0.20	400
EMCC0603A301	300	0.30	400
EMCC0603A401	400	0.30	400
EMCC0603A451	450	0.30	400
EMCC0603A601	600	0.35	400
EMCC0603A751	750	0.35	400
EMCC0603A102	1000	0.55	300
EMCC0603A152	1500	0.60	200
EMCC0603B050	5	0.08	700
EMCC0603B300	30	0.20	500
EMCC0603B600	60	0.25	450
EMCC0603B101	100	0.30	450
EMCC0603B121	120	0.30	450
EMCC0603B151	150	0.35	450
EMCC0603B221	220	0.35	450
EMCC0603B301	300	0.35	450
EMCC0603B471	470	0.35	450
EMCC0603B601	600	0.40	450
EMCC0603B102	1000	0.60	300
EMCC0603K471	470	0.55	200
EMCC0603K601	600	0.65	200
EMCC0603K751	750	0.70	200
EMCC0603K102	1000	0.85	100
EMCC0603K152	1500	0.90	100
EMCC0603K202	2000	1.00	100
EMCC0603K252	2500	1.00	50
EMCC0603H070	7	0.10	900
EMCC0603H100	10	0.10	900
EMCC0603H680	68	0.10	700
EMCC0603H121	120	0.30	300
EMCC0603H301	300	0.35	300
EMCC0603H601	600	0.65	300
EMCC0603H102	1000	1.10	50

Electrical Specifications-EMCC0805

P/N	Impedance(100MHz) (Ω)±25%	DCR(Max) (Ω)	Rated Current(Max) (mA)
EMCC0805A170	17	0.10	300
EMCC0805A260	26	0.10	300
EMCC0805A310	31	0.10	300
EMCC0805A520	52	0.15	300
EMCC0805A600	60	0.15	300
EMCC0805A800	80	0.15	300
EMCC0805A101	100	0.20	300
EMCC0805A121	120	0.20	300
EMCC0805A151	150	0.20	300
EMCC0805A221	220	0.25	300
EMCC0805A301	300	0.25	300
EMCC0805A401	400	0.30	300
EMCC0805A531	530	0.35	300
EMCC0805A601	600	0.35	300
EMCC0805A102	1000	0.45	300
EMCC0805A152	1500	0.70	300
EMCC0805B050	5	0.07	500
EMCC0805B300	30	0.15	300
EMCC0805B600	60	0.15	300
EMCC0805B750	75	0.20	300
EMCC0805B101	100	0.20	300
EMCC0805B121	120	0.20	300
EMCC0805B221	220	0.25	200
EMCC0805B301	300	0.25	200
EMCC0805B601	600	0.25	200
EMCC0805B751	750	0.30	200
EMCC0805B102	1000	0.30	200
EMCC0805B152	1500	0.35	200
EMCC0805B182	1800	0.40	200
EMCC0805B202	2000	0.40	200
EMCC0805B222	2200	0.50	200
EMCC0805B252	2500	0.60	200
EMCC0805B272	2700	0.60	200
EMCC0805K800	80	0.30	300
EMCC0805K601	600	0.35	200
EMCC0805K751	750	0.35	200
EMCC0805K102	1000	0.40	200
EMCC0805K122	1200	0.40	200
EMCC0805K152	1500	0.45	200
EMCC0805K202	2000	0.60	200
EMCC0805K252	2500	0.70	200
EMCC0805H050	5	0.07	500
EMCC0805H070	7	0.07	500
EMCC0805H121	120	0.35	300
EMCC0805H601	600	0.65	200

Electrical Specifications-EMCC1206

P/N	Impedance(100MHz) (Ω) $\pm 25\%$	DCR(Max) (Ω)	Rated Current(Max) (mA)
EMCC1206A260	26	0.10	800
EMCC1206A310	31	0.10	800
EMCC1206A520	52	0.15	800
EMCC1206A600	60	0.15	500
EMCC1206A700	70	0.15	500
EMCC1206A101	100	0.20	450
EMCC1206A121	120	0.20	450
EMCC1206A151	150	0.20	450
EMCC1206A221	220	0.20	350
EMCC1206A301	300	0.20	350
EMCC1206A401	400	0.25	350
EMCC1206A601	600	0.25	350
EMCC1206A751	750	0.30	350
EMCC1206A102	1000	0.35	350
EMCC1206A152	1500	0.40	350
EMCC1206A182	1800	0.40	350
EMCC1206B190	19	0.10	500
EMCC1206B310	31	0.15	500
EMCC1206B600	60	0.20	500
EMCC1206B101	100	0.25	300
EMCC1206B121	120	0.25	300
EMCC1206B201	200	0.25	300
EMCC1206B301	300	0.30	300
EMCC1206B601	600	0.35	300
EMCC1206B751	750	0.35	300
EMCC1206B102	1000	0.40	200
EMCC1206B152	1500	0.45	200
EMCC1206B202	2000	0.45	200
EMCC1206DB202	2000 (AT 30MHz)	0.60	200
EMCC1206K601	600	0.50	200
EMCC1206K102	1000	0.70	200
EMCC1206K122	1200	0.70	200
EMCC1206H050	5	0.07	500
EMCC1206H070	7	0.07	500
EMCC1206H301	300	0.30	300
EMCC1206H601	600	0.45	300

Electrical Specifications-EMCC1210

P/N	Impedance(100MHz) (Ω) $\pm$ 25%	DCR(Max) (Ω)	Rated Current(Max) (mA)
EMCC1210A310	31	0.10	500
EMCC1210A520	52	0.30	400
EMCC1210A600	60	0.30	400
EMCC1210B310	31	0.10	500

Electrical Specifications-EMCC1806

P/N	Impedance(100MHz) (Ω) $\pm$ 25%	DCR(Max) (Ω)	Rated Current(Max) (mA)
EMCC1806A600	60	0.20	500
EMCC1806A800	80	0.30	400
EMCC1806A101	100	0.30	400
EMCC1806A151	150	0.50	200
EMCC1806A601	600	0.80	200

Electrical Specifications-EMCC1812

P/N	Impedance(100MHz) (Ω) $\pm$ 25%	DCR(Max) (Ω)	Rated Current(Max) (mA)
EMCC1812A310	31	0.10	500
EMCC1812A600	60	0.20	500
EMCC1812A121	120	0.20	500
EMCC1812A151	150	0.20	500
EMCC1812B700	70	0.20	500