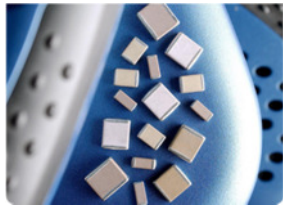








Multilayer Ceramic Capacitors



Next Generation
High Cap / High Voltage

Page 1/2

For Applications where High Voltage is required
Class I & II dielectric making them ideal for Lighting,
DC/DC Converter, EMI Protection, Isolation,
Power Supplies, Snubber, Surge Protection etc

Size	Maße	Volt	C0G	C0G	X7R	X7R (ext)
			Minimum	Maximum	Minimum	Maximum
0603 	1507	200V	0.5pF	560pF	120pF	10nF
		250V	0.5pF	330pF	120nF	6.8nF (10nF)
		500V	0.5pF	150pF	120pF	1.5nF*
0805 	2012	250V	0.5pF	1500pF	1.0nF	27nF (47nF)
		500V	0.5pF	820pF	1.0nF	12nF (15nF)
		600V	0.5pF	680pF	150pF	8.2nF (12nF)
		1000V	0.5pF	470pF	150pF	2.7nF (10nF)
1206 	3216	250V	5.0pF	1.8nF	1.0nF	22nF (68nF)
		500V	5.0pF	1.8nF	1.0nF	22nF (68nF)
		630V	5.0pF	1.5nF	1.0nF	15nF (47nF)
		1000V	5.0pF	1.0nF	150pF	2.2nF (27nF)
		2000V	5.0pF	390pF	150pF	1.0nF (2.2nF)
1210 	3225	250V			10nF	100nF (330nF)
		500V	10pF	4.7nF	1.0nF	56nF (150nF)
		1000V	10pF	2.2nF	1.0nF	15nF (47nF)
		1500V	10pF	1.2nF	150pF	4.7nF (12nF)
		2000V	10pF	820pF	1.0nF	2.2nF (4.7nF)
1808 	4502	500V	10pF	4.7nF	1.0nF	47nF (150nF)
		1000V	5.0pF	3.3nF	150pF	22nF (68nF)
		1500V	5.0pF	1.8nF	150pF	4.7nF (15nF)
		2000V	5.0pF	1.2nF	220pF	3.3nF (4.7nF)
		3000V	5.0pF	470nF	150pF	820pF (1.2nF)
1812 	4532	250V			1.0nF	470nF (680nF)
		500V	100pF	12nF	1.0nF	150nF (330nF)
		1000V	5.0pF	8.2nF	1.0nF	22nF (100nF)
		1500V	5.0pF	4.7nF	220pF	15nF (22nF)
		2000V	5.0pF	2.7nF	220pF	10nF
		3000V	5.0pF	1.2nF	220pF	1.2nF (2.7nF)

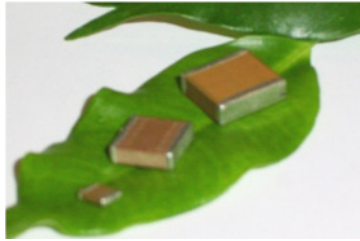
E-Reihe: 1.0, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2

Standard Termination: Nickelsperrschicht; Optional: Flexitermination (Flexicap)

Bredemeier Electronics GmbH

Tel. 089-9080 24 - Fax 089-943 795 46 - e-mail: info@bredemeiergmbh.de
Homepage: www.bredemeiergmbh.de







Multilayer Ceramic Capacitors



Next Generation
High Cap / High Voltage

Page 2/2

Ceramic Capacitors in Class I & II dielectric for industrial equipment and general or specific circuits that require higher capacitance + higher voltage

Size	Maße	Volt	COG	COG	X7R	X7R (ext)
			Minimum	Maximum	Minimum	Maximum
1825 	4563	250V			10nF	1.2uF
		500V			10nF	470nF
		1000V	15pF	15nF	10nF	150nF
		1500V	15pF	10nF	1.0nF	56nF
		2000V	15pF	5.6nF	1.0nF	27nF
		3000V	15pF	2.2nF	470pF	10nF
2220 	5750	250V	100pF	33nF	10nF	560nF (1.0uF)
		630V	100pF	15nF	4.7nF	220nF (470nF)
		1000V	27pF	10nF	1.0nF	82nF (100nF)
		2000V	27pF	2.7nF	1.0nF	12nF (27nF)
		3000V	27pF	1.2nF	470pF	4.7nF (6.8nF)
		4000V	27pF	680pF	470pF	1.5nF (4.7nF)
5000V	27pF	390pF	470pF	820pF (3.9nF)		
2225 	5763	250V			10nF	1.5uF
		500V			10nF	560nF
		1000V	27pF	22nF	10nF	220nF
		2000V	27pF	8.2nF	1.0nF	33nF
		3000V	27pF	3.3nF	470pF	12nF
		4000V	27pF	1.8nF	470pF	3.3nF (5.6nF)
5000V	27pF	1.0nF	470pF	2.2nF (4.7nF)		
3333 	8484	250V			10nF	3.0uF
		500V	100pF	47nF	10nF	1.0uF
		2000V	100pF	15nF	1.0nF	82nF
		4000V	100pF	3.3nF	470pF	18nF
		5000V	100pF	2.2nF	470pF	10nF
3640 	9510	250V			10nF	2.2uF
		500V	100pF	68nF	10nF	1.0uF
		630V	100pF	33nF	1.0nF	680nF
		1000V	100pF	22nF	1.0nF	150nF
4540 	1110	250V		200nF	10nF	6.0uF
		500V	100pF	120nF	10nF	1.8uF
		1000V	100pF	56nF	1.0nF	680nF
		2000V	100pF	33nF	470pF	180nF
		5000V	100pF	8.2nF	470pF	18nF
6000V	100pF	3.9nF	470pF	10nF		

E-Reihe: 1.0, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2
If you need other capacitance, voltages or other sizes contact us.

Bredemeier Electronics GmbH

Tel. 089-9080 24 - Fax 089-943 795 46 - e-mail: info@bredemeiergmbh.de
Homepage: www.bredemeiergmbh.de