

HIGH VOLTAGE MULTILAYER CERAMIC CHIP CAPACITOR



FEATURES

Capacitance: 10pF ~1.5μF

Voltage: 250V~3KV

Operating temperature :-55°C~+125°C

Lead-free terminations, RoHS and REACH Compliant

»» APPLICATIONS

Typical applications include DC/DC, high voltage coupling/DC blocking, Back-lighting inverters, LAN/WLAN interface, power supplies.

»» ORDERING INFORMATION

Series	Case Size	Dielectric	Rated Voltage	Capacitance	Capacitance Tolerance	Termination Finish
CC48-class I	0603 0805 1206 1210 1808 1812	CG	250V 500V 630V 1KV 2KV 3KV	Refer to Capacitance	<10pF C=±0.25pF D=±0.50pF ≥10pF J=±5%	N=100%Sn
CT48-class II	2220 2225	2X1			K=±10% M=±20%	

Note: 2X1=X7R

»» DIMENSIONS

Appearance	Case Size	0603	0805	1206	1210	1808	1812	2220	2225
	L	1.60 ± 0.20	2.00 ± 0.30	3.20 ± 0.30	3.20 ± 0.40	4.50 ± 0.40	4.50 ± 0.40	5.70 ± 0.50	5.70 ± 0.50
	W	0.80 ± 0.20	1.25 ± 0.20	1.60 ± 0.30	2.50 ± 0.30	2.00 ± 0.30	3.20 ± 0.30	5.00 ± 0.50	6.50 ± 0.60
	Tmax	1.00	1.45	1.90	2.80	2.30	3.50	4.20	4.20
	t	0.35 ± 0.25	0.50 ± 0.25	0.50 ± 0.35	0.60 ± 0.30	0.64 ± 0.38	0.90 ± 0.60	0.90 ± 0.60	0.90 ± 0.60

Unit:mm

