

SMD Ceramic Capacitors

EC6 High Voltage Chip Multilayer Ceramic Capacitors

ELECSOUND®

Elecsound is a leading manufacturer of ceramic capacitors, including: disc ceramic capacitors, multilayer ceramic capacitors, Safty cearmic capacitors and ceramic trimmer capacitors.

Features

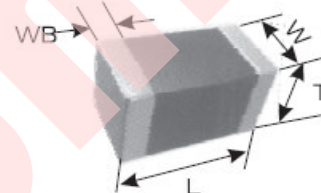
- New monolithic structure
- The size of the capcaitor is small yet has high electrostratio capacitance
- can operate at high-voltage levels
- Has good solderability.
- Technology Parameter (refer to the picture below)

Applications:

- DC-DC concenter.
- The circuit filter and vibration bell of telephone electrograph and modem
- Snubber circuit for switching power supply

Outside Dimension

Type		Dimension (mm)			
British Expression	Metric Expression	L	W	T	WB
0603	1608	1.60±0.10	0.80±0.10	0.80±0.10	0.30±0.10
0805	2012	2.00±0.20	1.25±0.20	0.80±0.20	0.50±0.25
				1.00±0.20	
				1.25±0.20	
1206	3216	3.20±0.30	1.60±0.20	0.80±0.10	0.50±0.25
				1.00±0.10	
				1.25±0.20	
1210	3225	3.20±0.30	2.50±0.20	≤2.5	0.50±0.25
1808	4520	4.50±0.40	2.00±0.20	≤2.0	0.50±0.10
1812	4532	4.50±0.40	3.20±0.30	≤2.5	0.50±0.10
2225	5763	5.70±0.50	6.30±0.50	≤2.5	1.0±0.25



Size	Rated Voltage	Capacitance Range(pf)			Size	Rated Voltage	Capacitance Range(pf)		
		NPO	X7R	Y5V			NPO	X7R	Y5V
0603	100v	0.5~820	100~10,000	2,200~100,000	1808	2000v	10~470	150~10000	-----
	200v	0.5~470	100~6,800	-----		3000v	10~470	150~2200	-----
0805	100v	0.5~1500	150~100,000	10,000~100,000		4000v	10~220	150~1000	-----
	200v	0.5~1500	150~22,000	10,000~56,000		5000v	10~22		
	250v	0.5~1500	150~22,000	10,000~56,000		100v	10~10000	150~330000	10000~1000000
1206	500v	0.5~560	150~10,000	-----		200v	10~5600	150~150000	10000~470000
	100v	0.5~3300	150~220000	10000~330000	250v	10~5600	150~150000	10000~470000	
	200v	0.5~2700	150~120000	10000~150000	500v	10~3900	150~120000	-----	
	250v	0.5~2700	150~120000	10000~150000	1000v	10~1200	150~27000	-----	
	500v	0.5~1500	150~33000	-----	2000v	10~680	150~12000	-----	
	1000v	0.5~750	150~10000	-----	3000v	10~470	150~4700	-----	
	2000v	0.5~270	150~2200	-----	4000v	10~220	150~3300	-----	
1210	100v	10~4700	150~47000	10,000~1,000,00	5000v	10~68			
	200v	10~3300	150~220000	10,000~470,000	100v	10~27000	150~1000000	10000~2000000	
	250v	10~3300	150~220000	10,000~470,000	200v	10~12000	150~470000	10000~680000	
	500v	10~2200	150~33000	-----	250v	10~12000	150~470000	10000~680000	
	1000v	10~1000	150~10000	-----	500v	10~6800	150~330000	-----	
	2000v	10~470	150~6800	-----	1000v	10~2200	150~56000	-----	
1808	100v	1~4700	150~220000	10000~820000	2000v	10~1000	150~33000	-----	
	200v	10~3300	150~100000	10000~390000	3000v	10~680	150~12000	-----	
	250v	10~3300	150~100000	10000~390000	4000v	10~5660	150~10000	-----	
	500v	10~1800	150~56000	-----	5000v	10~120	150~3300	-----	
	1000v	10~820	150~15000	-----					