Medium-High Voltage MLCC

Our medium-high voltage MLCCs (Multi Layer Ceramic Capacitors) aim for commercial and industrial application to DC 3kV, Including power supply and voltage multiplier circuits.

A specially designed internal and external structures are capable of enhancing high voltage performance of MLCCs. Various sizes and voltage ratings are available for corresponding capacitance ranges.

You can search and download specification sheets for each model on 'Part Search'



General features

High withstanding voltage

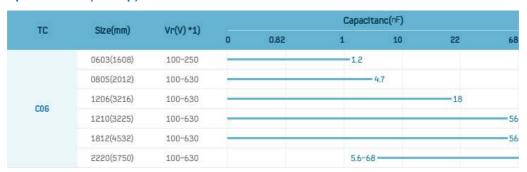
Wide range of rated voltage from 100V to 3000V

Highly reliable performance due to robust design and advanced processing technology

Applications

Well suited for LCD backlight inverter, lighting ballast, Tip & Ring, DC-DC converter, etc.

Specification (Lineup)



TC	Size(mm)	Vr(KV) *1)	Capacitanc(nF)							
			0	0.15	0.8	2	1	1.8		3.6
COG	1206(3216)	1~2			0.47					
	1210(3225)	1~2				- 0.82				
	1808(4520)	2-3		0	22					
	1812(4532)	1~3							1.8	
	2220(5750)	1~3		0.47~:	3.6					

TC	Size(mm)	Vr(V) *1)	Capacitanc(nF)							
			0	10	100	470	1000	4700		
	0603(1608)	100	_		1	00				
	0805(2012)	100~250				220				
X7R	1206(3216)	100~630	-					2200		
	1210(3225)	100~630						2200		
	1812(4532)	100~630						1000		
	2220(5750)	100~630			150-4700					

TO	Size(mm)	Vr(V) *1)	Capacitanc(nF)							
TC			0	1	3.3	6.8	10	47		
	1206(3216)	1~2			3.3					
	1210(3225)	1~2	10			6.8				
COG	1808(4520)	2-3			2.2					
	1812(4532)	1~3						47		
	2220(5750)	1-3		3.3~	47					

^{*1)}The rated voltage (Vr) of individual product depends on its capacitance value in the range indicated.