



# CAPACITORS

## High Volt. Ceramic Disc Capacitors

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



### ELECTRONIC CHARACTERISTICS

Rated voltage: 500, 1K, 2K VDC~10KV<sub>DC</sub>

Test voltage: Below 1KV: 300% 1KV, 2KV: 200%

2KV<W. V. ≤10KV for 1.75% 5KV<W. V. ≤10KV for 1.5%

rated voltage with 50mA max charging current for 2.5sec

Insulation resistance: 10,000MΩ min at WV<sub>DC</sub>

Life test: 1.5 times working voltage at 85°C for 500 hours

Part No.	Product No.	Manufacturer	Description	Capacitance	Voltage DCV	Lead Pitch (mm)	Tolerance(±)	Dielectric
21999	J2101K3FY5PS7LE	JEC	High Volt. Ceramic Capacitor	100pF	3KVdc	7.5*25	+/-10%	Y5P
21985	J2102M3FZ5US7LE	JEC	High Volt. Ceramic Capacitor	0.001uF	3KVdc	7.5*25	+/-20%	Z5U
21981	J2103M3FZ5US7LE	JEC	High Volt. Ceramic Capacitor	0.01uF	3KVdc	7.5*25	+/-20%	Z5U
21989	J2221K3FY5PS7LE	JEC	High Volt. Ceramic Capacitor	220 pF	3KVdc	7.5*25	+/-10%	Y5P
21991	J2222M3FZ5US7LE	JEC	High Volt. Ceramic Capacitor	2200 pF	3KVdc	7.5*25	+/-20%	Z5U
21993	J2471K3FY5PS7LE	JEC	High Volt. Ceramic Capacitor	470 pF	3KVdc	7.5*25	+/-10%	Y5P
21998	J2472M3FZ5US7LE	JEC	High Volt. Ceramic Capacitor	4700 pF	3KVdc	7.5*25	+/-20%	Z5U

## Radial Resin Dipped

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### SPECIFICATION

- Operating: -25°C to +85°C
- Temperature range: DC 50V, 500V
- Test voltage: 3 times of the rated voltage
- Capacitance: within the tolerance at 1MHz 1±0.2Urms. 25°C

### FEATURES

- High capacitance has been achieved through precision technologies that enable the use of multiple thinner ceramic dielectric layers
- A monolithic structure ensures superior mechanical strength and reliability
- High-accuracy automatic mounting is facilitated through the maintenance of very precise dimensional tolerance
- Composed of only ceramics and metals, these capacitors provide extremely dependable, exhibiting virtually no degradation even when subjected to temperature extremes
- Low stray capacitance, ensures high conformity with nominal values thereby simplifying the circuit design process
- Low residual inductance assures superior frequency characteristic capacitor range, these capacitors offer long service life and are optimally suited for power supply designs that require high levels of reliability
- Owing to their low ESR and excellent frequency characteristics these products are optimally suited for high frequency and high density type power supplies

Part No.	Product No.	Manufacturer	Description	Capacitance	Voltage DCV	Lead Pitch (mm)	Tolerance(±)	Dielectric
24021	C10150VSLK		Radial Resin Capacitor	100pF	50V	5	±10	SL
24022	C10250VY5M		Radial Resin Capacitor	1000pF(0.001uF)	50V	5	±20	Y5P
24023	C10350VZ5V		Radial Resin Capacitor	0.01uF	50V	5	+80-20	Z5V
24024	C10450VY5V		Radial Resin Capacitor	0.1uF	50V	5	+80-20	Y5V
24027	C20050VNPO		Radial Resin Capacitor	20pF	50V	5	±10	NPO
24025	C22350VZ5VZ		Radial Resin Capacitor	0.022F	50V	5	+80-20	Z5V
24026	C2R050VNPO		Radial Resin Capacitor	2pF	50V	5	±0.5pF	NPO
24028	C47150VY5PK		Radial Resin Capacitor	470pF	50V	5	±10	Y5P
4365	CC0P50C50VNOAB		Radial Resin Capacitor	0.5pF	50V	5	+/-0.25PF	NPO
4314	CC100J50VNOAB		Radial Resin Capacitor	10pF	50V	5	+/-5%	NPO
40237	CC101J50VNOAB	LIKET	Radial Resin Capacitor	100pF	50V	5	+/-5%	NPO
4296	CC101J50VSLAB		Radial Resin Capacitor	100pF	50V	5	+/-5%	SL
4352	CC102K50VYPAB		Radial Resin Capacitor	0.001uF	50V	5	+/-10%	Y5P
17357	CC103Z500VYVAB	LIKET	Ceramic Disc Capacitor	0.01uF	500V	5	+80-20%	Z5V
3982	CC103Z50VYVAB		Radial Resin Capacitor	0.01uF	50	5	+80-20%	Z5V
39421	CC10PJ50VNOAB	LIKET	Radial Resin Capacitor	10pF	50	5	±5%	NPO
4294	CC120J50VNOAB		Radial Resin Capacitor	12pF	50V	5	+/-5%	NPO
4299	CC121J50VSLAB		Radial Resin Capacitor	120pF	50	5	+/-5%	SL
4319	CC151J50VSLAB		Radial Resin Capacitor	150pF	50V	5	+/-5%	SL
3809	CC181K50VSLAB		Ceramic Capacitor	180pF	50	5	+/-10%	SL
3577	CC1P0C50VNOAB		Radial Resin Capacitor	1pF	50	5	+/-±0.25pF	NPO
3579	CC200J50VNOBB		Radial Resin Capacitor	20PF	50	5	+/-5%	NPO
4209	CC202Z50VYPAB		Radial Resin Capacitor	0.002uF	50V	5	+80-20%	Y5P
4308	CC220J50VNOAB		Radial Resin Capacitor	22pF	50V	5	+/-5%	NPO
4315	CC221K50VYEAB		Radial Resin Capacitor	220pF	50V	5	+/-10%	Y5E
3984	CC222K50VYPAB		Radial Resin Capacitor	0.0022uF	50	5	+/-10%	Y5P
4353	CC223Z50VYVAB		Radial Resin Capacitor	0.022uF	50V	5	+80-20%	Y5V
3578	CC224M50VYVAB		Radial Resin Capacitor	0.22uF	50	P:5*7	+/-20%	Y5V
4324	CC270J50VNOAB		Radial Resin Capacitor	27pF	50V	5	+/-5%	NPO

