



## CV11 Mica Paper Capacitor

(High frequency,high voltage)



### Feature:

- ◆ Using the best mica paper 511 as material,dipping high temperature epoxy resin.
- ◆ High frequency,high voltage and big current.
- ◆ Very stable at high frequency circuit.

### Application:

- ◆ Our CV11 series mica pcapacitors are suitable to high frequency,high voltage, big current circuit. Like high frequency feedback circuit,high frequency resonance circuit and pulse circuit etc.
- ◆ Widely use in satellite,aerospace,ship,medical equipment,oil down-hole equipment, welding machine,metallurgy equipment etc.

### General Characteristics

- ◆ Temperature Range:  $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$
- ◆ Capacitance Tolerance:  $\pm 5\%,\pm 10\%,\pm 20\%$
- ◆ Relative Humidity: 80%, at  $+40^{\circ}\text{C}$  can be short time at 95~98%.
- ◆ Atmospheric pressure:  $6\times 10^4\text{Pa}\sim 1.04\times 10^5\text{Pa}$
- ◆ Vibration: frequency 10~500Hz, acceleration: 10g
- ◆ Working voltage: 2KV~30KV
- ◆ Working current: 5A~50A
- ◆ DC test voltage: at room temperature, rated voltage  $U_0\leq 10\text{KV}$  capacitor, load 2 times working voltage, Rated voltage  $10\text{KV} < U_0\leq 30\text{KV}$  capacitor,load 1.5 times working voltage, Rated voltage  $U_0 > 30\text{KV}$  capacitor,load 1.2 times working voltage, After keep 1 minute,no breakdown and flashover.
- ◆ Insulation resistance(R): normal climate  
Capacitance  $C \geq 0.1\mu\text{F}$   $R \geq 1000\text{M}\Omega$   
Capacitance  $C < 0.1\mu\text{F}$   $R > 5000\text{M}\Omega$
- ◆ Dissipation factor:  $\text{tg}\delta \leq 4 \times 10^{-3}$ (1KHz), Pass D.C. rated voltage test.



Some items' datas. M6 screw terminal.

Item	Description	Voltage (DC)	Test Voltage	Dissipation Factor	Insulated Resistance	Weight (g)	Size (mm)
1	35KV 0.022uF	35KV	42KV/min	$7 \times 10^{-3}$	5000MΩ	200	160X95X50mm

Quality Guarantee: 3 years

Production time: 30 days.