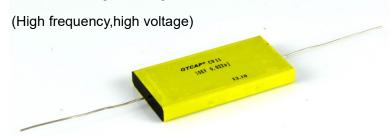


Shanghai Green Tech Co.,Ltd.

# **CV11 Mica Paper Capacitor**



### 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 °C ~+85 °C
- ◆ Capacitance Tolerance: ±5%,±10%,±20%
- ♦ Relative Humidity: 80%, at +40°C can be short time at 95~98%.
- ◆ Atmospheric pressure: 6x10<sup>4</sup>Pa~1.04x10<sup>5</sup>Pa
- ♦ Vibration: frequency 10~500Hz, acceleration: 10g
- Working voltage: 2KV~30KV
- Working current: 5A~50A
- lack DC test voltage: at room termperature,rated voltage  $U_0 \leqslant 10 \text{KV}$  capacitor, load 2 times working voltage, Rated voltage  $10 \text{KV} < U_0 \leqslant 30 \text{KV}$  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 ≥ 0.1μF R≥1000MΩ

Capacitance C $< 0.1 \mu F R>5000 M\Omega$ 

♦ Dissipation factor: tgδ≤4×10<sup>-3</sup>(1KHz), Pass D.C. rated voltage test.

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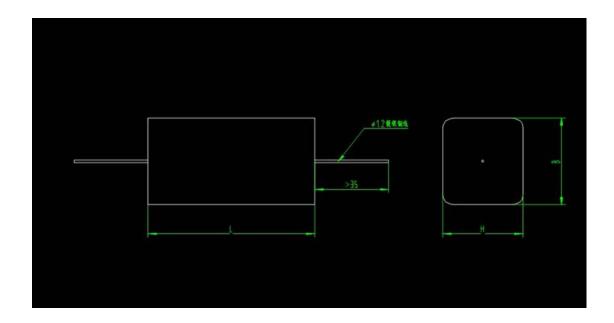




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Some items' datas.

Part Number	Capaitance (μF)	Working Voltage (KV/DC)	Working Current (A)	Working Frequency (MHz)
CV11-1	0.005	15	30	1
	0.01	30	50	1
	0.01	4.5	25	1
	0.05	15	50	1
	0.1	7.5	15	1
CV11-2	0.004	15	10	1
	0.01	20	10	1
CV11-3	0.025	5	25	1
	0.025	5	5	1



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