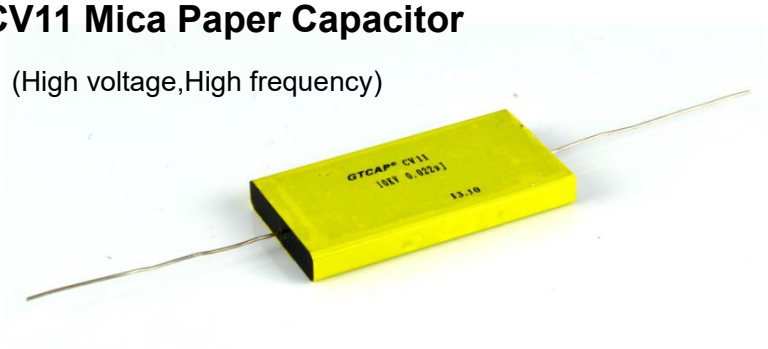
GTCV11 Mica Paper Capacitor

(High voltage,High frequency)



Feature:

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

Application:

- Our CV11 series mica capacitors 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,high voltage transmission,welding machine,metallurgy equipment etc.

General Characteristics

- Temperature Range: -40℃～+85℃
- Capacitance Tolerance: ±5%,±10%,±20%
- Relative Humidity: 80%, at +40℃ can be short time at 95~98%.
- Atmospheric pressure: $6x10^4$Pa~$1.04x10^5$Pa
- Vibration: frequency 10~500Hz, acceleration: 10g
- Working voltage: 2KV~30KV
- Working current: 5A~50A
- DC test voltage: at room termperature,rated voltage $U_0 \leqslant$ 10KV capacitor, load 2 times working voltage, Rated voltage 10KV < $U_0 \leqslant$30KV capacitor,load 1.5 times working voltage, Rated voltage U_0 > 30KV 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＜ 0.1μF R＞5000MΩ
- Dissipation factor: tgδ≤4×10^{-3}(1KHz), Pass D.C. rated voltage test.

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

DRAWING (Dimensions in mm)