



# HI-VOLTAGE, HI-TEMPERATURE CAPACITOR

GTCAP mica paper capacitors are suitable for high frequency, high voltage, high temperature, and big current circuits.

Like high frequency feedback circuit, high frequency resonance circuit, and pulse circuit, etc.

- ✧ GTCAP Mica Capacitors are using the best mica paper 511 as material, dipping high temperature epoxy resin.
- ✧ High insulated resistance, low loss coefficient.
- ✧ Good high frequency performance. Capacitance very stable in pulses voltage circuit.
- ✧ Very low dissipation factor  $<5 \times 10^{-3}$  (min  $1 \times 10^{-4}$ ).
- ✧ Very stable at high temperature, small capacitance Tolerance.
- ✧ After storage 15years, capacitance change not over  $\pm 1\%$ .

#### Application:

Widely use in high voltage transmission, satellite, aerospace, ship, medical equipment, oil down-hole-drilling equipment, welding machine, metallurgy equipment etc.

Part Item	Voltage Range(DC)	Capacitance( $\mu$ F)	Frequency	Current(A)	Temperature	Main Application
GTCVG	0.15KV-30KV	0.01-10	Pulse	Pulse	-55 $^{\circ}$ C~200 $^{\circ}$ C	Oil down-hole drilling equipment
GTCV11	1KV-30KV	0.1-8.0	0.3-1MHz	5	-55 $^{\circ}$ C~125 $^{\circ}$ C	high voltage equipment
GTCV8	2KV-30KV	0.01-10	0.3-1MHz	5-50	-55 $^{\circ}$ C~85 $^{\circ}$ C	Welding machine
GTCYG	1KV	0.01-0.1	800KHz	200	-25 $^{\circ}$ C~85 $^{\circ}$ C	Welding machine
MKP89H	1KV-50KV	0.001-1	1Hz	500~3000	-25 $^{\circ}$ C~105 $^{\circ}$ C	Pulses equipment