



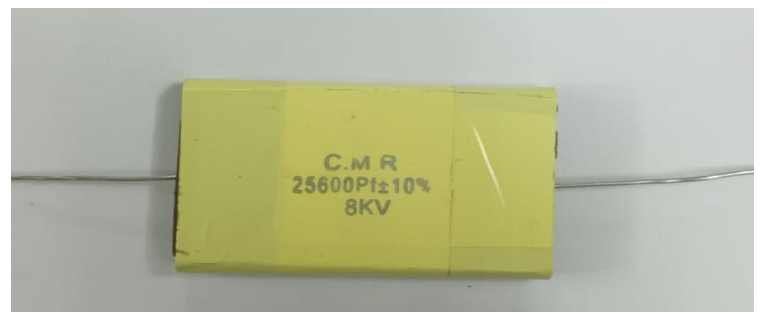
MICA PAPER CAPACITOR

SPECIFICATION

- **Continuous temperature:** between -40 °C to 140 °C
- **Momentary temperature :** 250oC for 3 Sec.
- **Thermal Coefficient of Capacitance:** 15% from -40oC to 140 °C
- **Dissipation Factor:** max. 1.0% at 140oC and 100 kHz
- **Continuous Voltage Withstand:** 2 kV RMS at 100 kHz 10 kV DC
- **Short Duration Voltage Withstand:** 10 kV RMS at 60 Hz for 10 Sec.
- **Switching Surge:** 15 kV crest
- **Lightning Impulse (BIL):** 15 kV crest
Steep-front (200 kV/ us), chopped; 15 kV crest
- **Oscillatory short-duration decaying voltage:** 20 kV peak for 2 Sec

APPLICATIONS

- Electric Vehicle
- Tuning circuit



Model No	Capacitance		DC Working Voltage (kV)	Dimension (Inch)		
	Rating (pF)	Tolr (%)		WIDTH (w)	LENGTH (L)	THICKNESS (T)
MPC101J10	100	5.0	10.0	1	1 7/8	1/4
MPC201J10	200	5.0	10.0	1	1 7/8	1/4
MPC401J10	400	5.0	10.0	1	1 7/8	1/4
MPC801J10	800	5.0	10.0	1 3/8	1 7/8	1/4
MPC102J10	1000	5.0	10.0	1 3/8	1 7/8	1/4
MPC152J10	1500	5.0	10.0	1 3/8	2	1/4
MPC162J10	1600	5.0	10.0	1 3/8	2	1/4
MPC202J10	2000	5.0	10.0	1 3/8	2	1/4
MPC322J10	3200	5.0	10.0	1 1/2	2 1/4	1/4
MPC502J10	5000	5.0	10.0	1 1/2	2 1/4	1/4
MPC642J10	6400	5.0	10.0	1 1/2	2 1/4	1/4
MPC722J10	7200	5.0	10.0	1 1/2	2 1/4	1/4
MPC103J10	10000	5.0	10.0	1 1/2	3	1/4
MPC1282J10	12800	5.0	10.0	1 1/2	3	1/4
MPC213J10	21000	5.0	10.0	1 3/4	3	1/3
MPC2562J10	25600	5.0	10.0	1 7/8	3	1/3
MPC473J10	47000	5.0	10.0	2 1/2	4	1/3