

COMMON CHARACTERISTICS

SURGE VOLTAGE

Working Voltage (VDC)	63	10	16	25	35	50	63	80	100
Surge Voltage (VDC)	8	13	20	32	44	63	79	100	125

LIFE TEST

The capacitor shall be applied with the full-rated voltage in series with 1000 ohm resistor for a period of 1000 hours, while the capacitor are maintained at an ambient temperature of +85 . The capacitors shall then be removed from the test chamber and stabilized at room temperature, the capacitor shall meet the following limits:

- Capacitance change** **80% or more of initial measured value**
- Dissipation factor** **Less than 200% of the initial specified value**
- Leakage current** **Less than the initial specified value**

SHELF LIFE TEST

After storage over a period of 1000 hours at +85 with no voltage applied, the measurements shall meet the following requirements:

- Capacitance change** 80% or more of initial measured value
- Dissipation factor** Less than 200% of the initial specified value
- Leakage current** Less than the initial specified value

LOW TEMPERATURE CHARACTERISTICS

When capacitors are stored at the temperatures of -40 , -25 respectively, the ratio of impedance measured at each test temperature with the frequency of 120Hz shall be less than the values listed below:

Rated Voltages (VDC)	Z at -25	Z at -40
	Z at +20	Z at +20
6.3	3	5
10	2	4
16	2	3
25	2	3
35	2	3
50	2	3
63	2	3

The capacitance change at -40 shall be no more than 30% of the initial value measured at +20