

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 X7R 10nF 16V (0201B103M160CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0201 (0603)	0.6±0.03	0.3±0.03	0.3±0.03

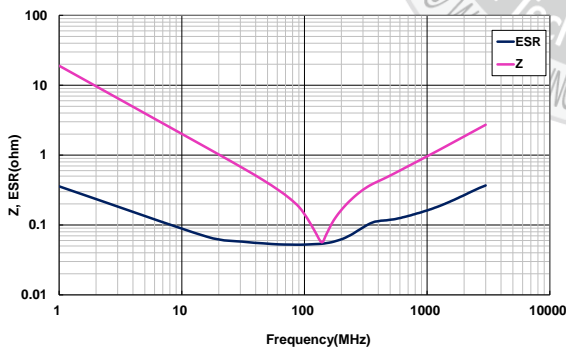
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @16V, 120sec)

Item	Spec
Cap [nF]	10(±20%)
DF	≤5%
IR [G-ohm]	>10

3. Impedance/ESR-Frequency

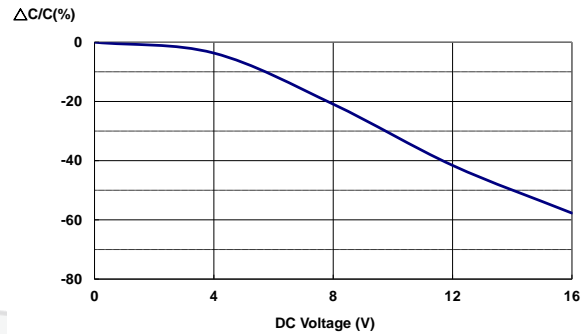
(Equipment: 4991B)



5. Capacitance – DC Voltage Characteristics

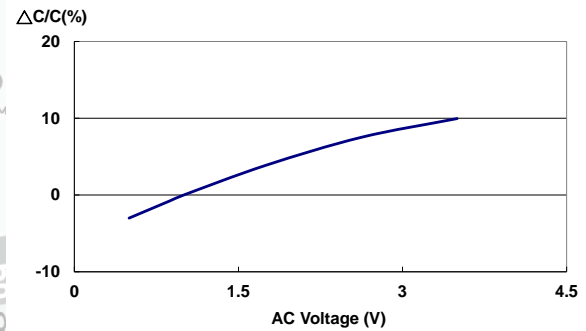
(Equipment: 4980A; DC charge 60±5sec)

8V : -20.92% ; 16V : -57.17%



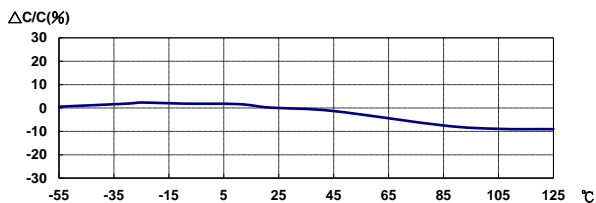
6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2021/8/13