

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0201 X7R 120pF 50V(0201B121K500CT)

#### 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

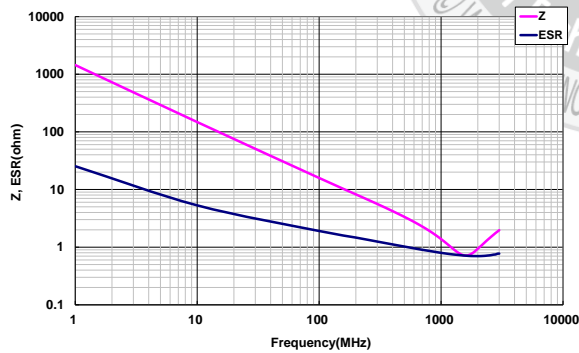
#### 2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @50V, 120sec)

Item	Spec
Cap [pF]	120(±10%)
DF	≤3%
IR [G-ohm]	≥10

#### 3. Impedance/ESR-Frequency

(Equipment: 4287A)

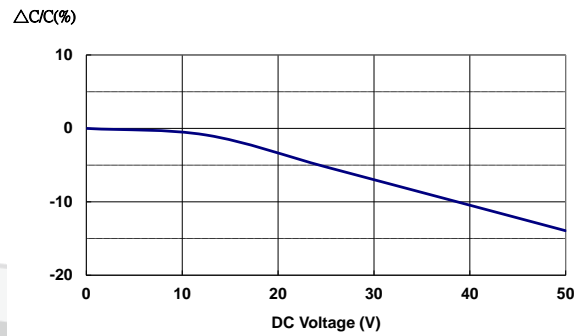


#### 5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A)

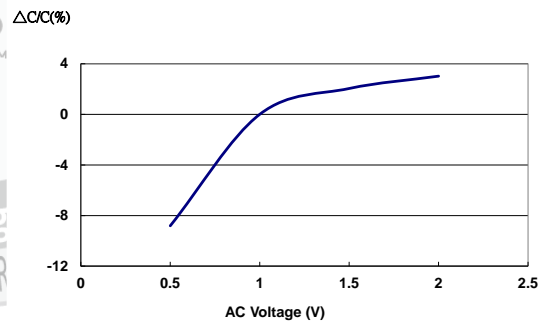
(DC charge 60±5sec)

25V : -5.25% ; 50V : -13.94%



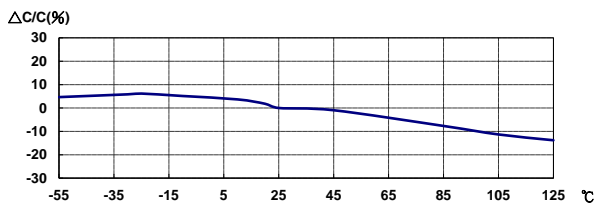
#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2021/01/27