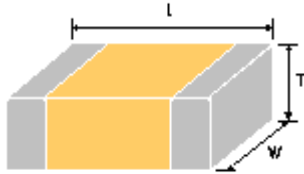


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 1206 X7R 10nF 500V(1206B103J501CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
1206 (3216)	3.20±0.15	1.60±0.15	1.25±0.10

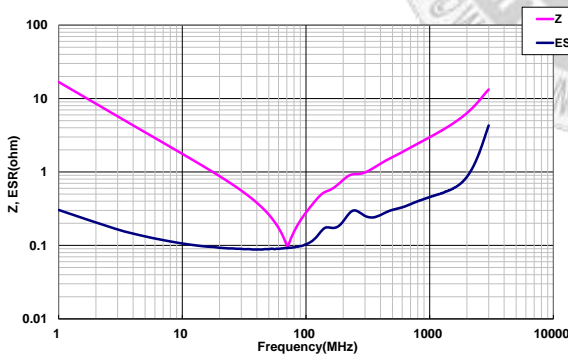
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @500V, 120sec)

Item	Spec
Cap [nF]	10 (±5%)
DF	≤ 2.5%
IR [G-ohm]	≥ 10

3. Impedance/ESR-Frequency

(Equipment: 4991B)

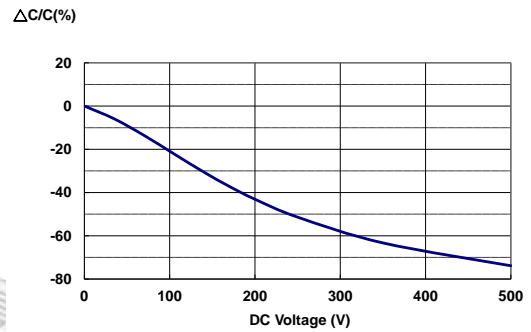


5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A)

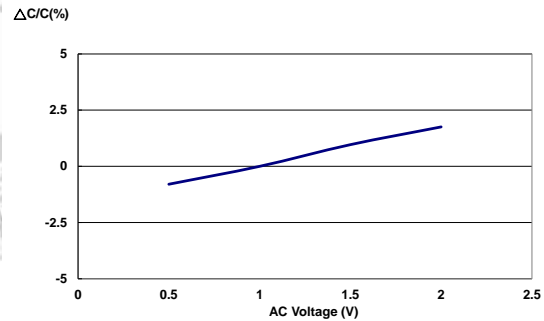
(DC charge 60±5sec)

250V : -51.37% ; 500V : -73.86%



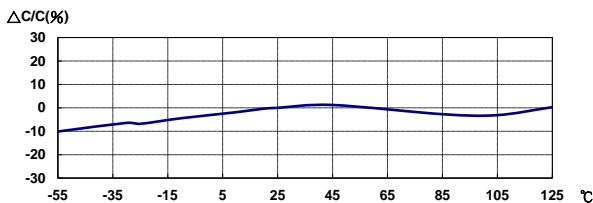
6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2020/09/24