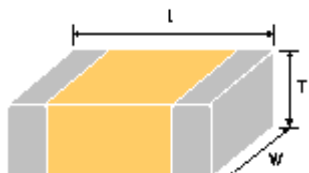


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

1206 X7R 10nF 50V(1206B103K500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
1206(3216)	3.20±0.15	1.60±0.15	0.80±0.10

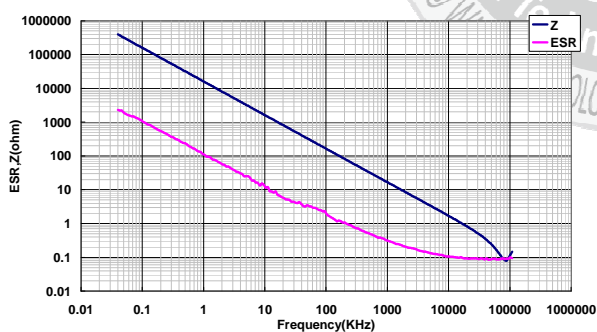
2. Cap, DF, IR @25°C

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

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

3. Impedance/ESR-Frequency

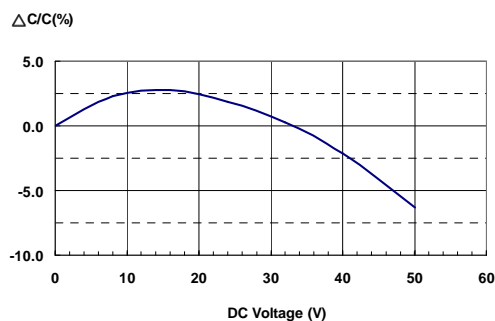
(Equipment: 4294A)



5. Capacitance – DC Voltage Characteristics

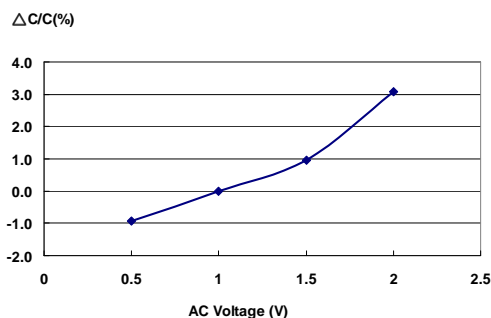
(Equipment: 4284A; DC charge 60±5sec)

24V : 1.89% ; 50V : -6.35%



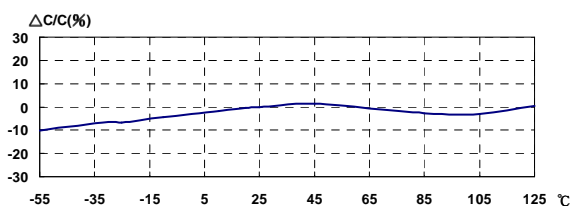
6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2017/10/25