

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

1206 NPO 1nF 50V (1206N102F500CT)

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

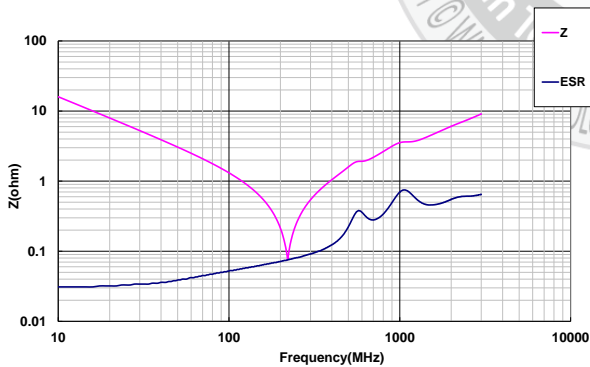
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	1(±1%)
DF	≤ 0.1%
IR [G-ohm]	≥ 10

3. Impedance/ESR-Frequency

(Equipment: 4991B)

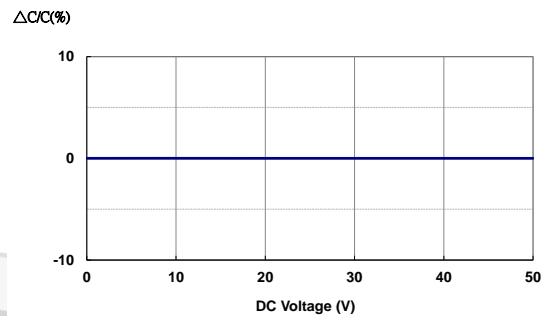


5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A)

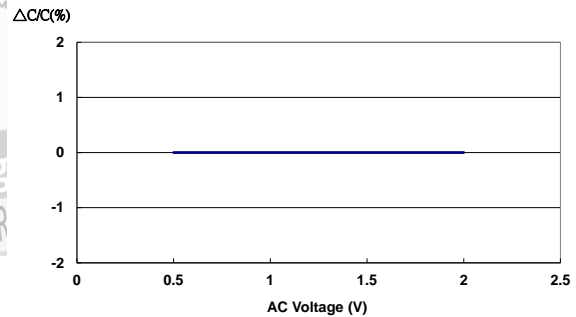
(DC charge 60±5sec)

25V : 0% ; 50V : 0%



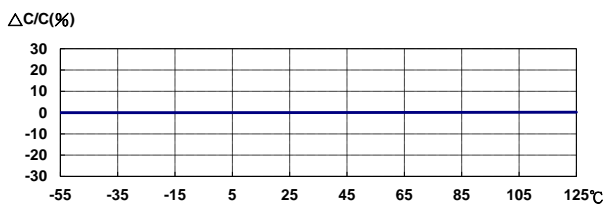
6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2020/07/08