

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0805 NPO 1nF 500V(0805N102J501CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0805 (2012)	2.00±0.20	1.25±0.20	1.25±0.20

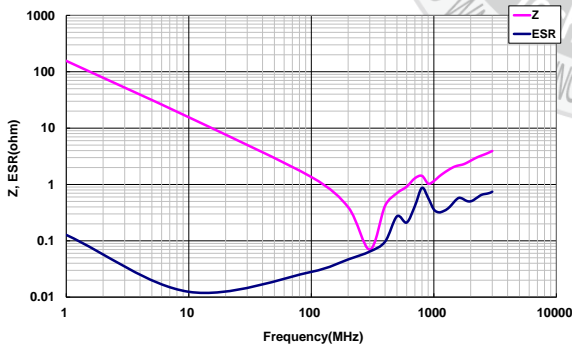
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	1 (±5%)
DF	≤ 0.1%
IR [G-ohm]	≥ 10

3. Impedance/ESR-Frequency

(Equipment: 4287A)

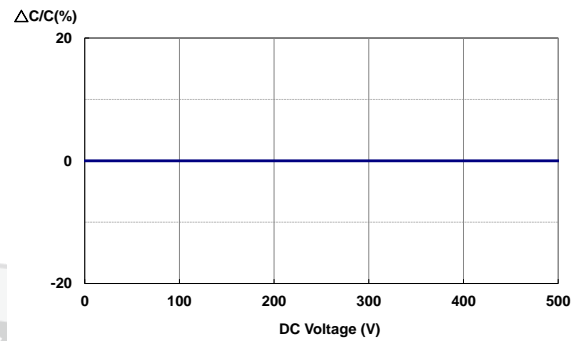


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+N1259A+B1505A)

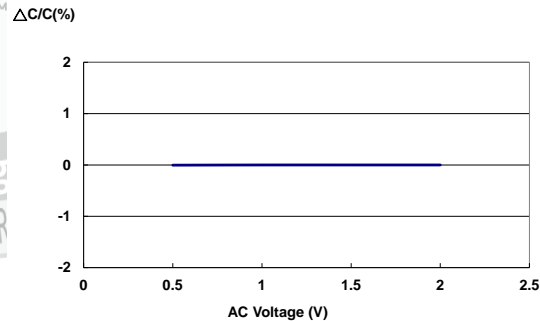
(DC charge 60±5sec)

250V : 0.00% ; 500V : 0.00%



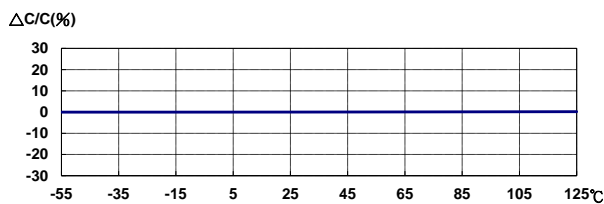
6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2021/04/26