

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0603 NPO 1nF 50V(0603N102K500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0603 (1608)	1.60±0.10	0.80±0.10	0.80±0.07

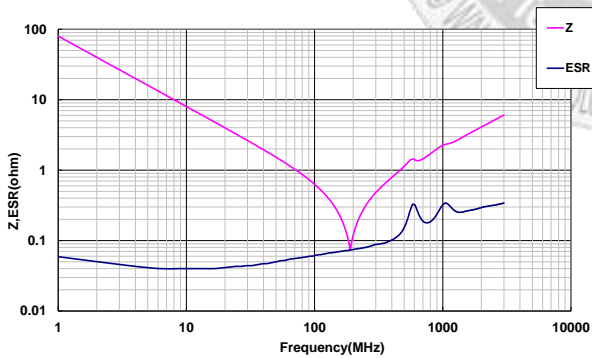
2. Cap, DF, IR @25°C

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

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

3. Impedance/ESR-Frequency

(Equipment: 4991B)

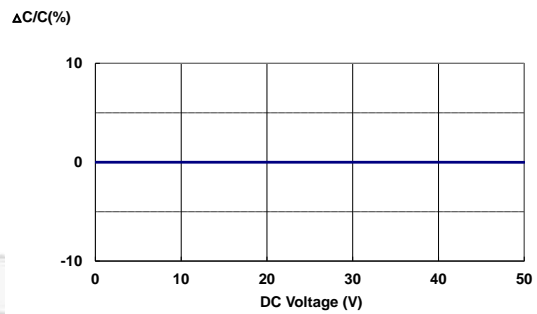


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980+B1505+N1259A)

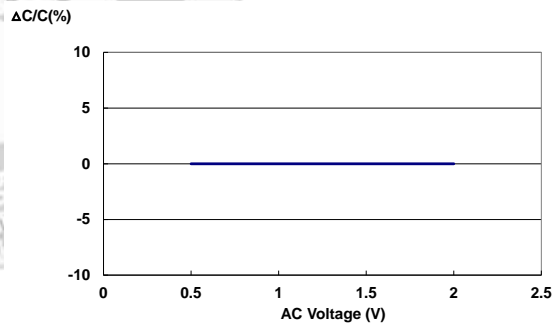
(DC charge 60±5sec)

25V : 0% ; 50V : 0%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

