

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 NPO 18pF 50V (0201N180K500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0201 (0603)	0.6±0.03	0.3±0.03	0.3±0.03

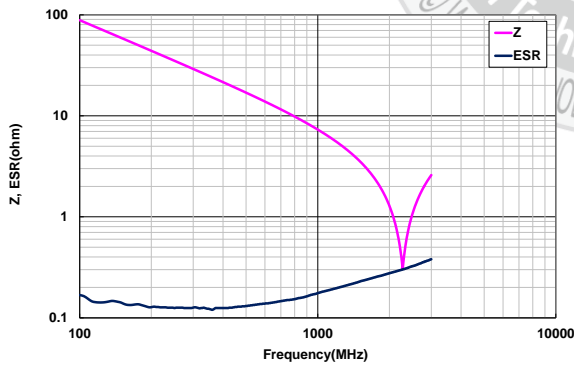
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	18(±10%)
DF	≤0.13%
IR [G-ohm]	≥10

3. Impedance/ESR-Frequency

(Equipment: 4991B)

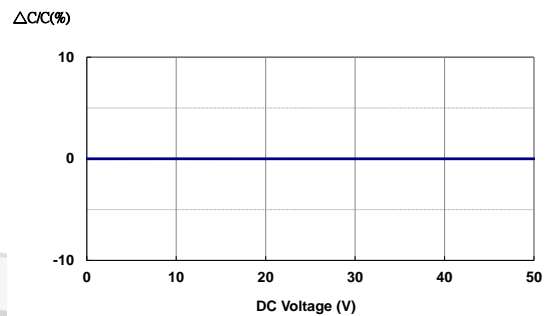


5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A)

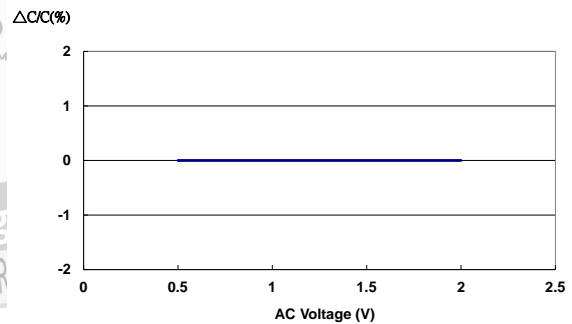
(DC charge 60±5sec)

25V :0.00% ; 50V :0.00%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

