

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 NPO 18pF 50V (0402N180J500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0402(1005)	1.00±0.05	0.50±0.05	0.50±0.05

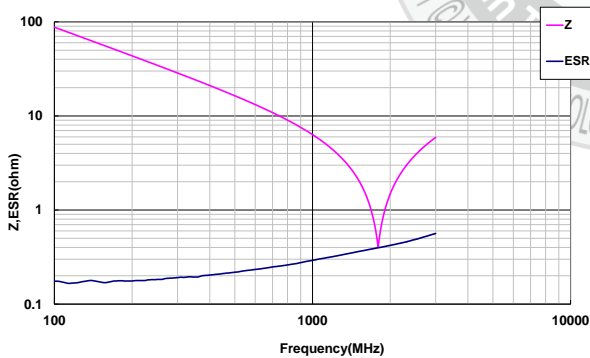
2. Cap, DF, IR @ 25°C

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

Item	Spec
Cap [pF]	18 (±5%)
DF	≦ 0.13%
IR [G-ohm]	≧ 10

3. Impedance/ESR-Frequency

(Equipment: 4991B)

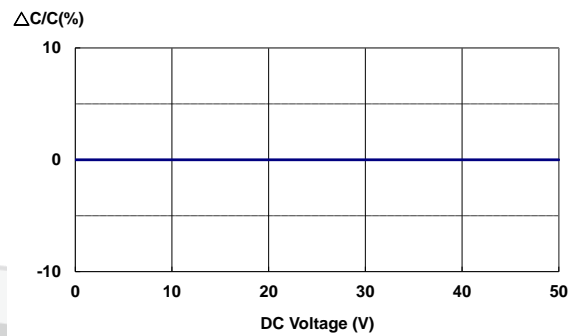


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+N1259A+B1505A)

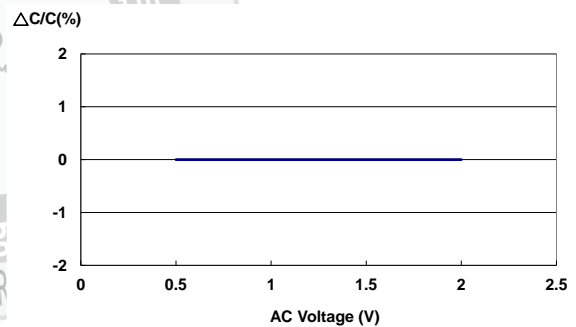
(DC charge 60±5sec)

25V : 0.00% ; 50V : 0.00%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

