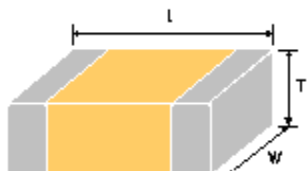


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 NPO 18pF 25V (0402N180J250CT)

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

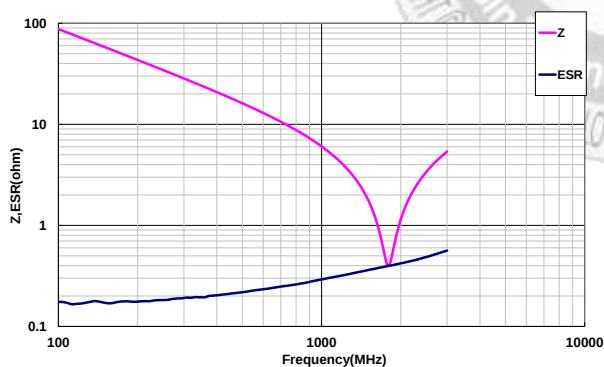
2. Cap, DF, IR @25°C

(Cap, DF @1MHz, 1Vrms ; IR @25V, 120sec)

Item	Spec
Cap [pF]	18 (±5%)
DF	≤0.132%
IR [G-ohm]	≥10

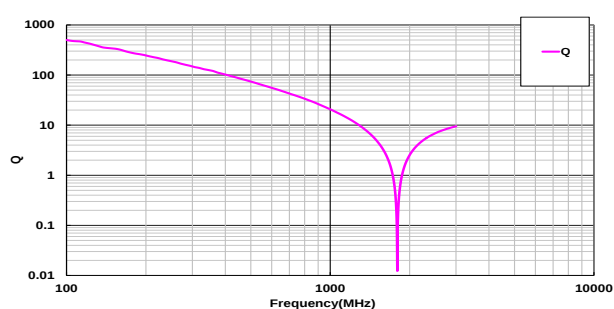
3. Impedance/ESR-Frequency

(Equipment: 4991B)



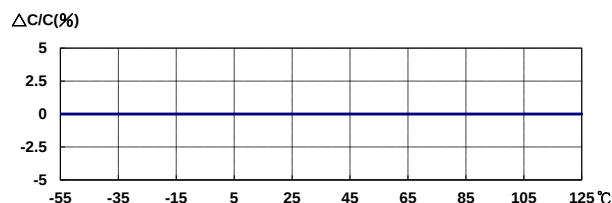
Q-Frequency

(Equipment: 4991B)



4. Capacitance – Temperature Characteristics

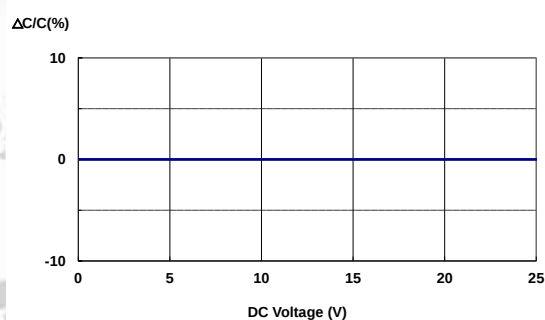
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

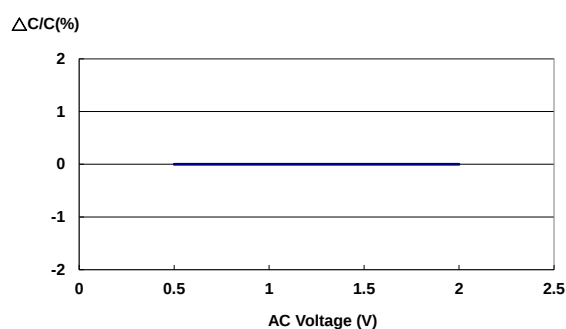
(Equipment: 4980A ;DC charge 60±5sec)

12.5V : 0.0% ; 25V : 0.00%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



Last updated : 2022/12/22