

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 NPO 27pF 25V (0402N270J250CT)

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

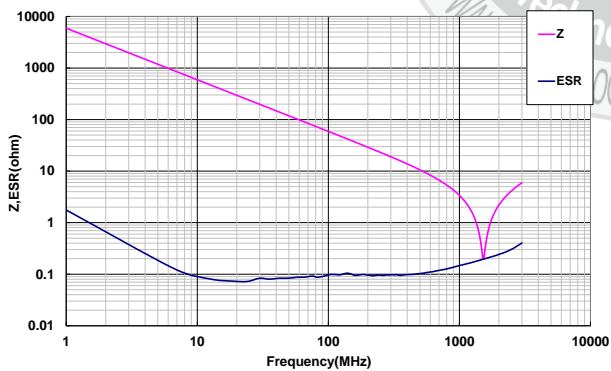
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	27 (±5%)
DF	≤0.11%
IR [G-ohm]	≥10

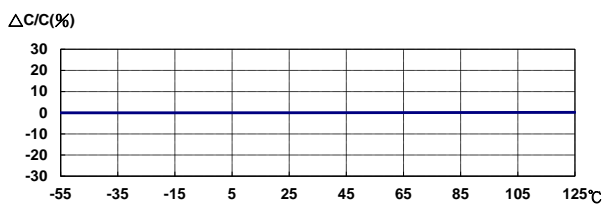
3. Impedance/ESR-Frequency

(Equipment: 4991B)



4. Capacitance – Temperature Characteristics

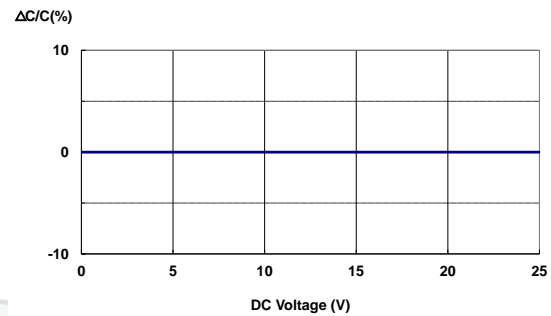
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

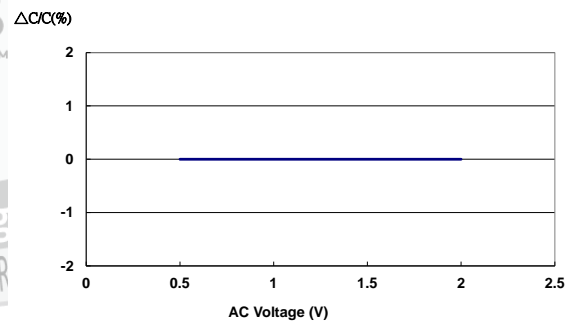
(Equipment: 4980A; DC charge 60±5sec)

12.5V :0% ; 25V :0%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



Last updated : 2022/05/09