

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0805 NPO 27pF 100V(0805N270J101CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0805 (2012)	2.00±0.15	1.25±0.10	0.60±0.10

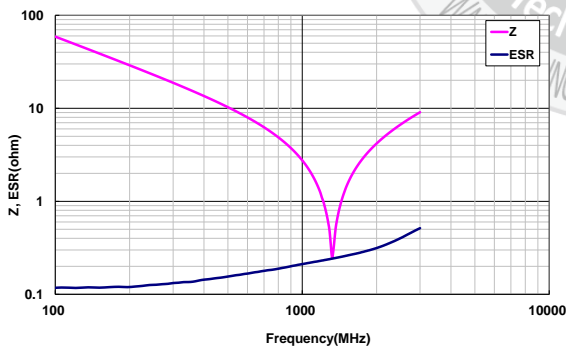
2. Cap, DF, IR @25°C

(Cap, DF @ 1MHz, 1Vrms ; IR @ 100V, 120sec)

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

3. Impedance/ESR-Frequency

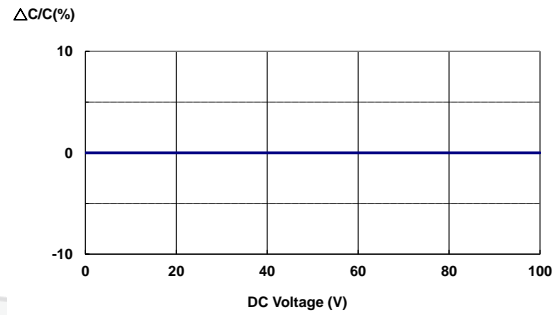
(Equipment: 4991B)



5. Capacitance – DC Voltage Characteristics

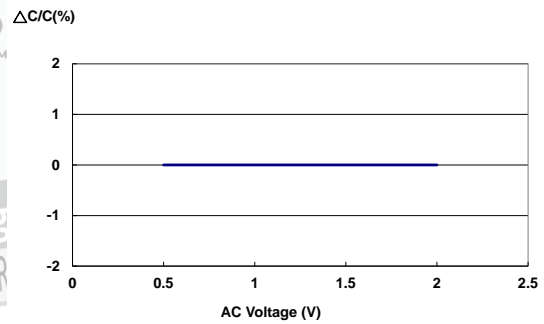
(Equipment: 4980A; DC charge 60±5sec)

50V : 0.00% ; 100V : 0.00%



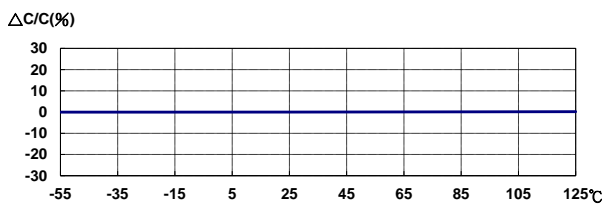
6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2019/09/12