

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0603 NPO 18pF 100V (0603N180J101CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0603 (1608)	1.60±0.10	0.80±0.10	0.80±0.07

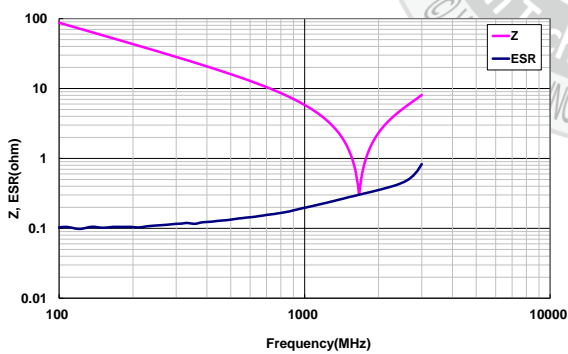
2. Cap, DF, IR @ 25°C

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

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

3. Impedance/ESR-Frequency

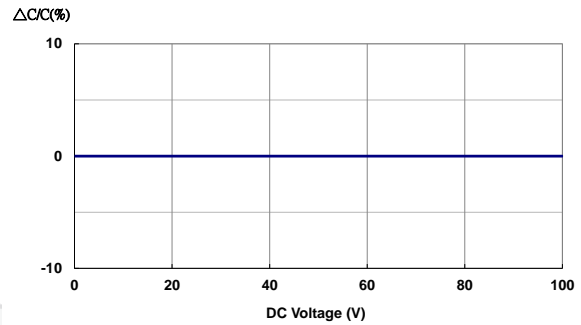
(Equipment: 4991B)



5. Capacitance – DC Voltage Characteristics

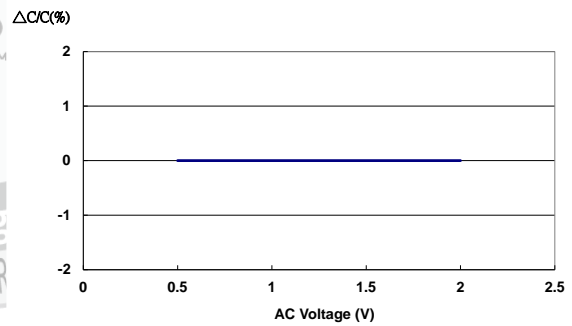
(Equipment: 4980A; DC charge 60±5sec)

50V : 0.00% ; 100V : 0.00%



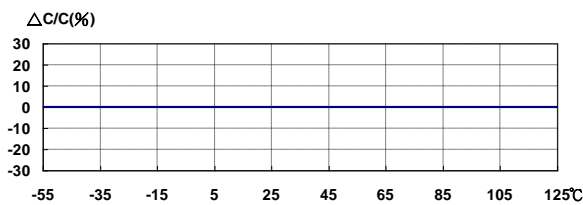
6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2019/06/25