

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### RF 0805 NPO 12pF 50V (RF21N120G500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0805 (2012)	2.00±0.20	1.25±0.20	0.85±0.10

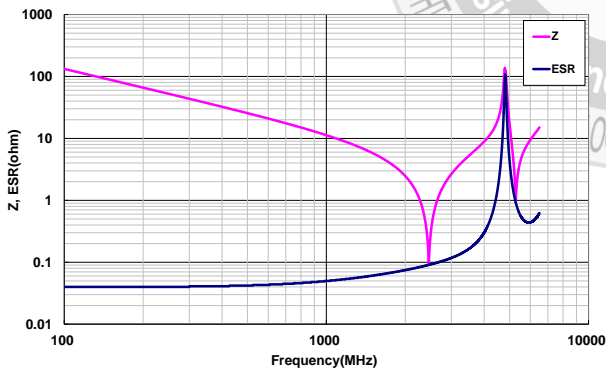
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	12 (±2%)
DF	≦ 0.16%
IR [G-ohm]	≧ 10

3. Impedance/ESR-Frequency

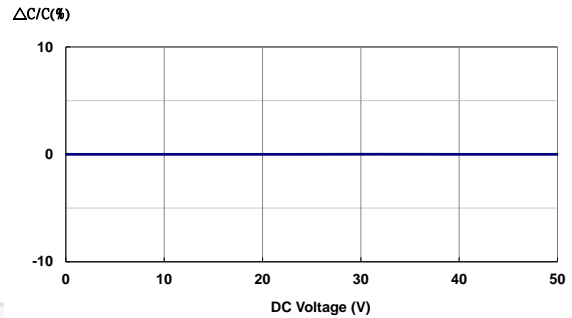
(Equipment: 4287A+ENA5071C)



5. Capacitance – DC Voltage Characteristics

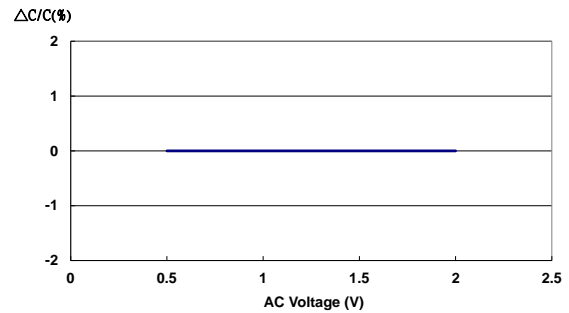
(Equipment: 4980A; DC charge 60±5sec)

25V : 0.00% ; 50V : 0.00%



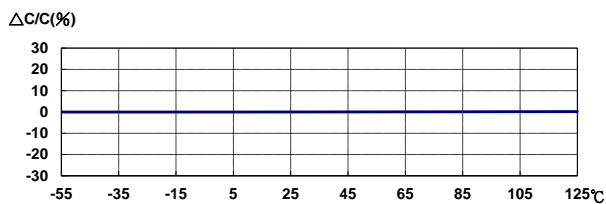
6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2019/07/03