

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

RF 0603 NPO 1.0pF 25V (RF18N1R0A250CT)

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

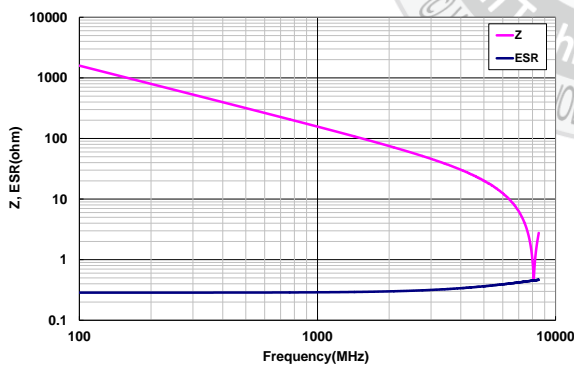
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	1.0 (±0.05pF)
DF	≤ 0.12%
IR [G-ohm]	≥ 10

3. Impedance/ESR-Frequency

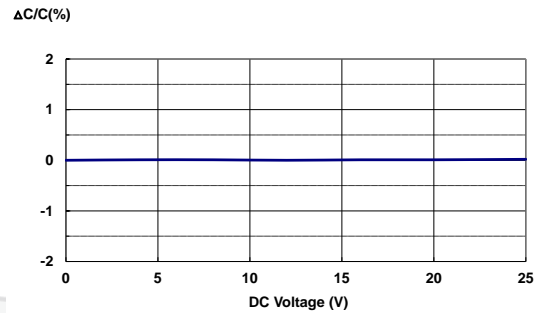
(Equipment: 4287A+ENA5071C)



5. Capacitance – DC Voltage Characteristics

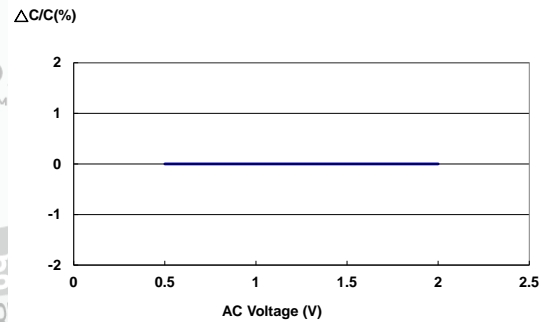
(Equipment: 4980A; DC charge 60±5sec)

12.5V :0% ; 25V :0%



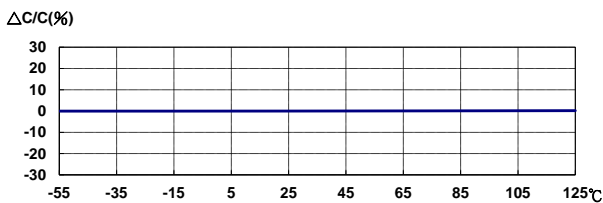
6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2020/12/4