

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

RF 0603 NPO 9.1pF 100V (RF18N9R1B101CT)

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

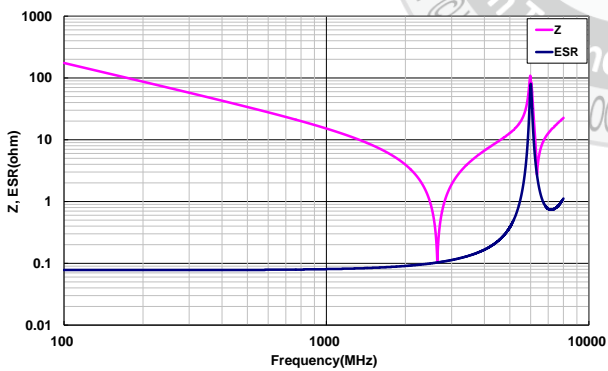
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	9.1 (±0.1pF)
DF	≤ 0.172%
IR [G-ohm]	≥ 10

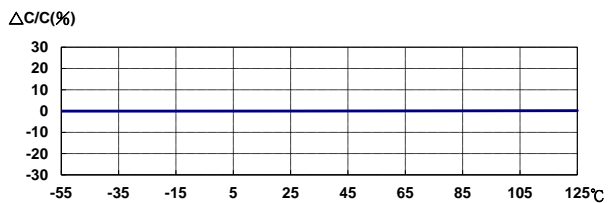
3. Impedance/ESR-Frequency

(Equipment: 4287A+ENA5071C)



4. Capacitance – Temperature Characteristics

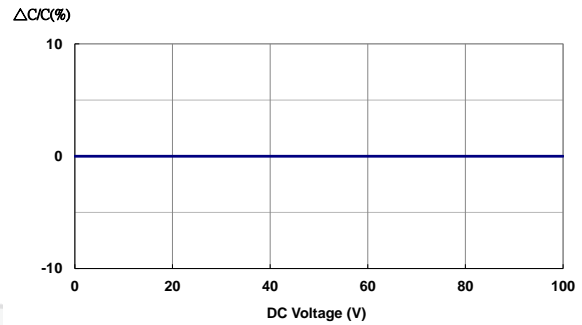
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

50V :0.00% ; 100V :0.00%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

