

Electrical Characteristics Data

0603 NPO 5pF 100V (0603N5R0B101CT)

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

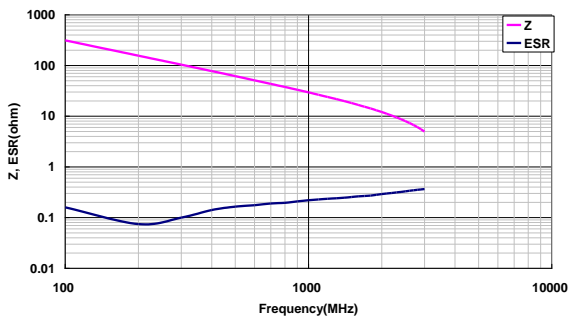
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	5(±0.1 pF)
DF	≤0.200%
IR [G-ohm]	>10 min

3. Impedance/ESR-Frequency

(Equipment: 4287A)



4. Capacitance – Temperature Characteristics

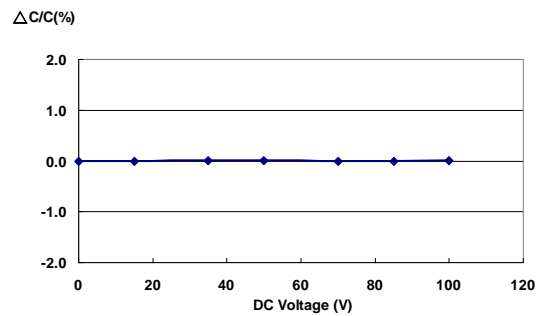
(Equipment: 4284A)

≤ 10 pF, The TCC measurement is unstable and high deviation

5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

50V :0% ; 100V :0%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A; AC charge 60±5sec)

