

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

01005 NPO 5.1pF 16V (01R5N5R1B160CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
01R5 (0402)	0.40±0.02	0.20±0.02	0.20±0.02

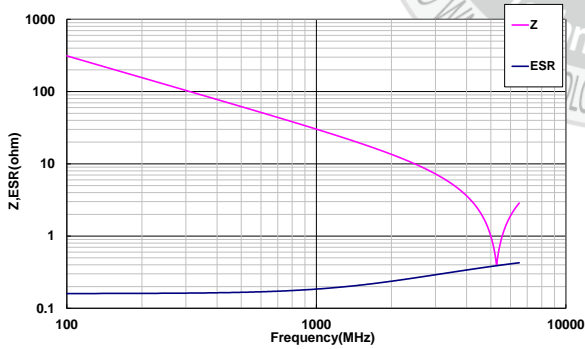
2. Cap, DF, IR @25°C

(Cap, DF @1MHz, 1Vrms ; IR @16V, 120sec)

Item	Spec
Cap [pF]	5.1(±0.1pF)
DF	≤ 0.2%
IR [G-ohm]	≥ 10

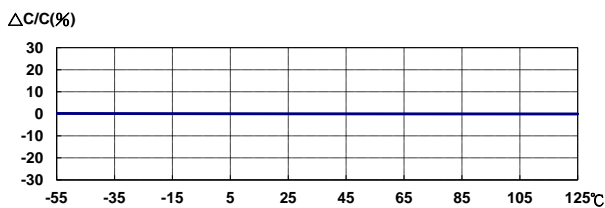
3. Impedance/ESR-Frequency

(Equipment: 4287A+ENA5071C)



4. Capacitance – Temperature Characteristics

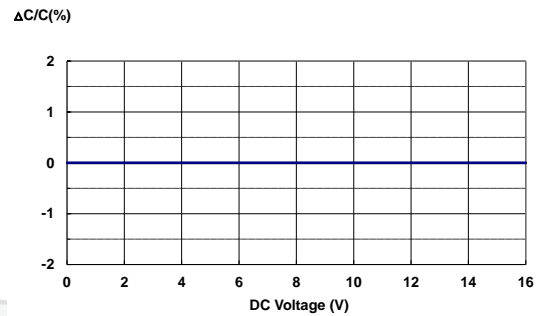
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

8V: 0%; 16V: 0%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

