

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

01005 NPO 47pF 25V (01R5N470G250CT)

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

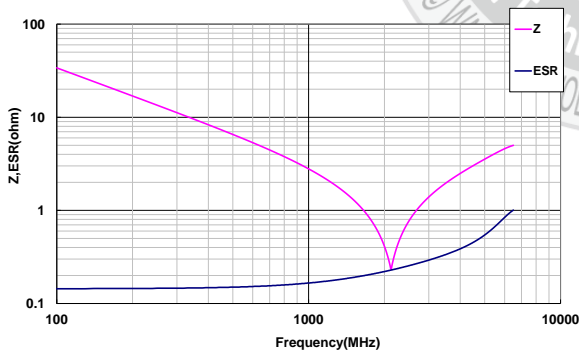
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	47(±2%)
DF	≤ 0.1%
IR [G-ohm]	≥ 10

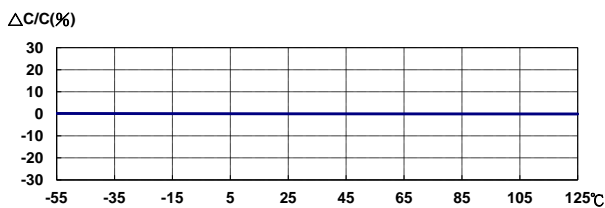
3. Impedance/ESR-Frequency

(Equipment: 4991B+ENA5071C)



4. Capacitance – Temperature Characteristics

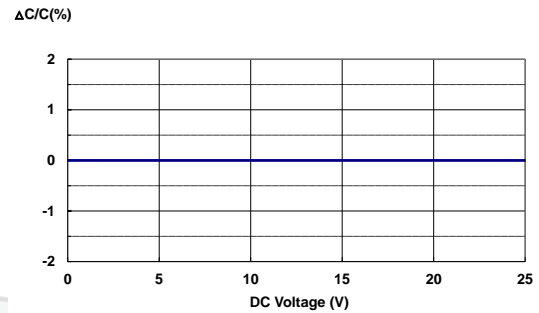
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

12.5V: 0%; 25V: 0%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

