

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 NPO 47pF 25V (0201N470J250CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0201 (0603)	0.6±0.03	0.3±0.03	0.3±0.03

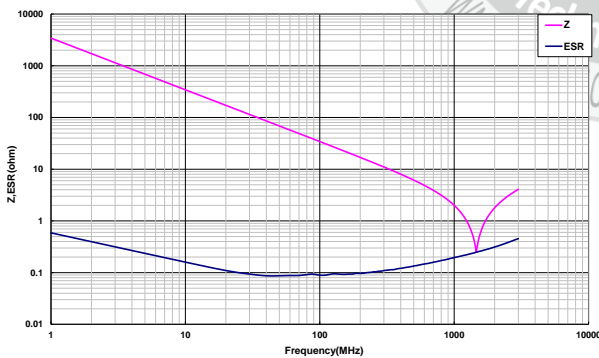
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	47(±5%)
DF	≤ 0.1%
IR [G-ohm]	≥10

3. Impedance/ESR-Frequency

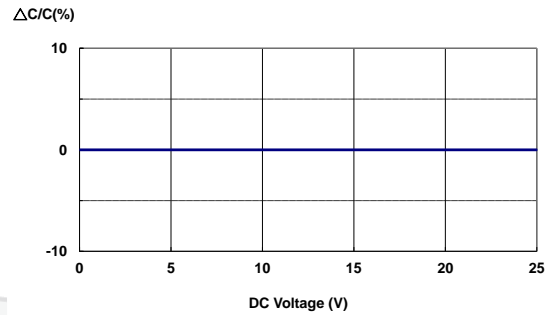
(Equipment: 4991B)



5. Capacitance – DC Voltage Characteristics

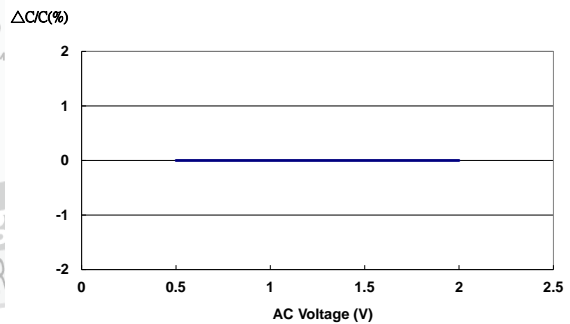
(Equipment: 4980A; DC charge 60±5sec)

12.5V : 0% ; 25V : 0%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

