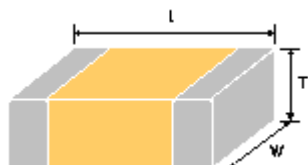


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 NPO 12pF 50V (0201N120J500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0201 (0603)	0.60±0.03	0.30±0.03	0.30±0.03

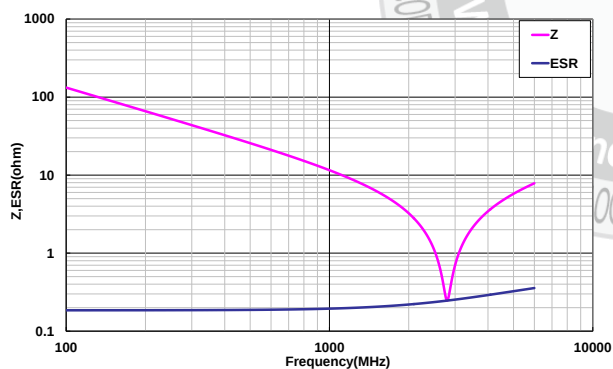
2. Cap, DF, IR @25°C

(Cap, DF @1MHz, 1Vrms ; IR @50V, 120sec)

Item	Spec
Cap [pF]	12 (±5%)
DF	≤ 0.16%
IR [G-ohm]	≥ 10

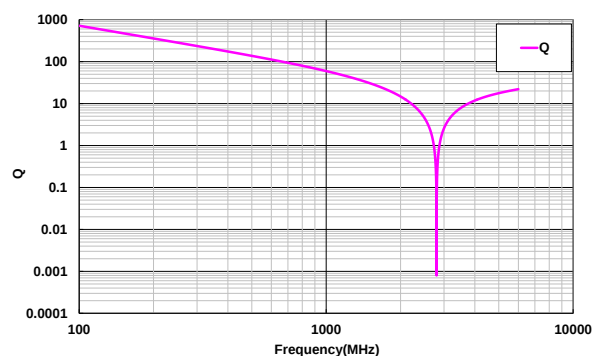
3. Impedance/ESR-Frequency

(Equipment: 4991B+ENA5071C)



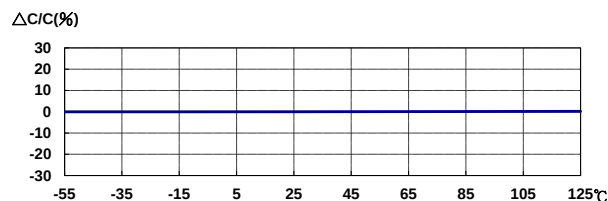
Q-Frequency

(Equipment: 4991B+ENA5071C)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

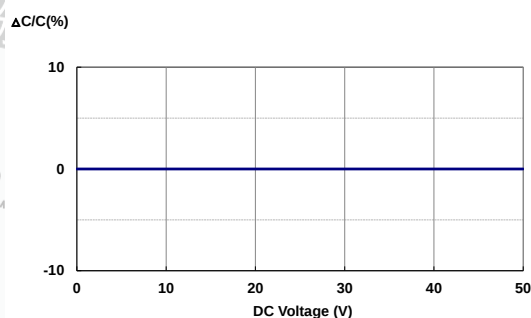


5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A)

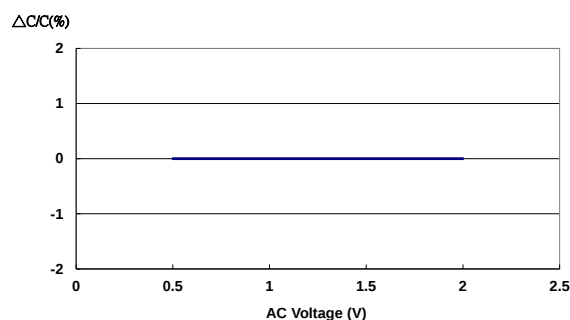
(DC charge 60±5sec)

25V : 0% ; 50V : 0%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2024/07/22