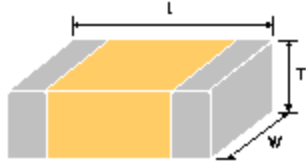


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0402 NPO 1nF 50V (0402N102J500CT)

#### 1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0402 (1005)	1.00±0.05	0.50±0.05	0.50±0.05

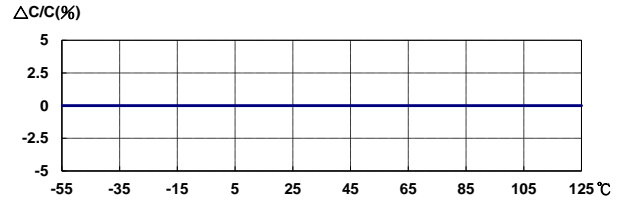
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	1(±5%)
DF	≤ 0.1%
IR [G-ohm]	≥ 10

#### 4. Capacitance – Temperature Characteristics

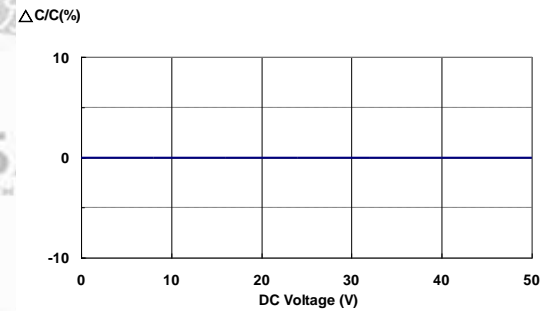
(Equipment: 4284A)



#### 5. Capacitance – DC Voltage Characteristics

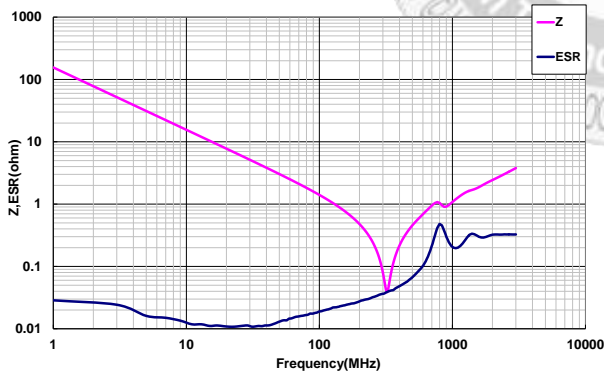
(Equipment: E4980A+B1505A+N1259A)

(DC charge 60±5sec)



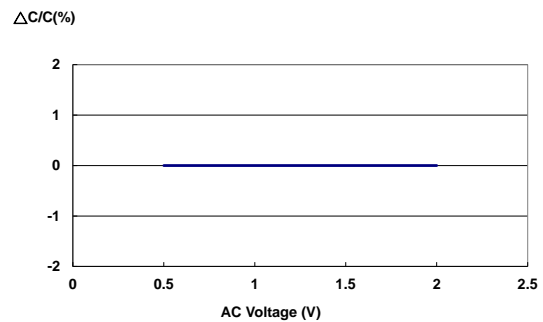
#### 3. Impedance/ESR-Frequency

(Equipment: 4991B)



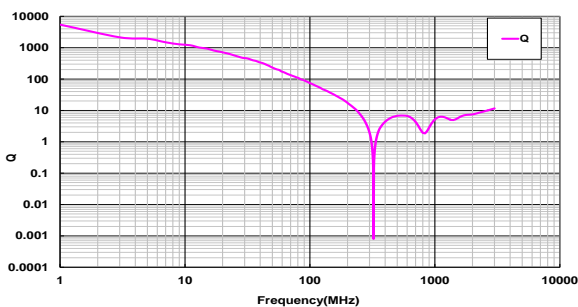
#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



#### Q-Frequency

(Equipment: 4991B)



Last updated : 2023/01/18