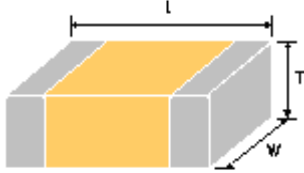


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0402 NPO 5.0pF 50V (0402N5R0B500CT)

#### 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

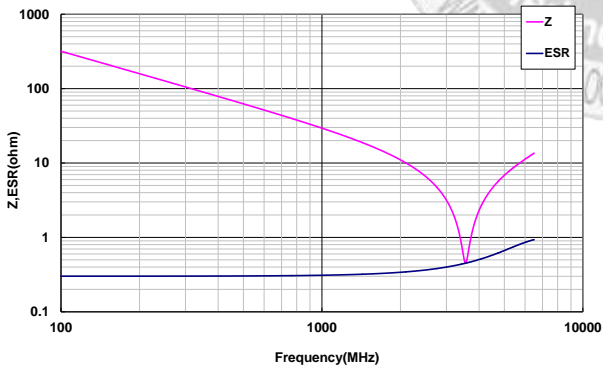
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	5.0 (±0.1pF)
DF	≤ 0.2%
IR [G-ohm]	≥ 10

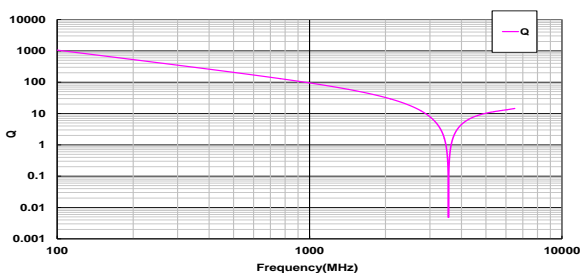
#### 3. Impedance/ESR-Frequency

(Equipment: 4287A+ENA5071C)



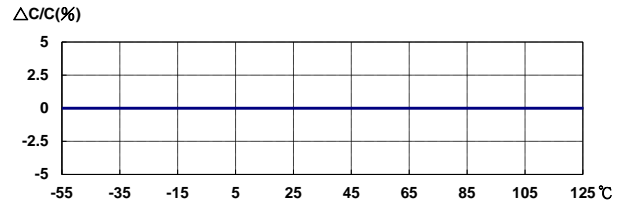
#### Q-Frequency

(Equipment: 4287A+ENA5071C)



#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

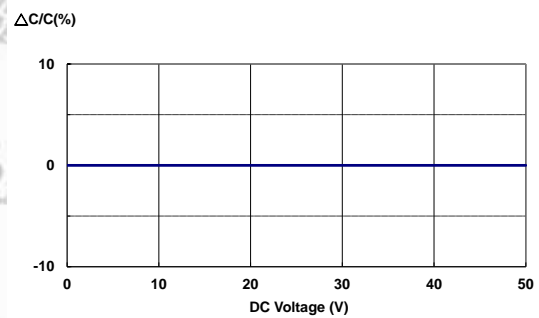


#### 5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A)

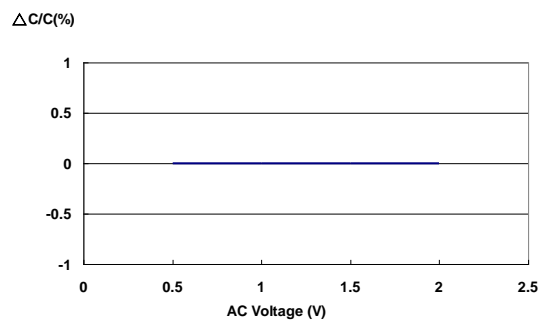
(DC charge 60±5sec)

25V : 0.00% ; 50V : 0.00%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2022/08/10