

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0402 NPO 1.0pF 50V (0402N1R0C500CT)

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

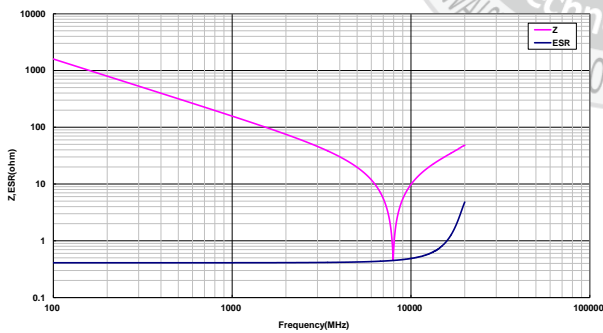
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	1.0 (±0.25pF)
DF	≦ 0.238%
IR [G-ohm]	≧ 10

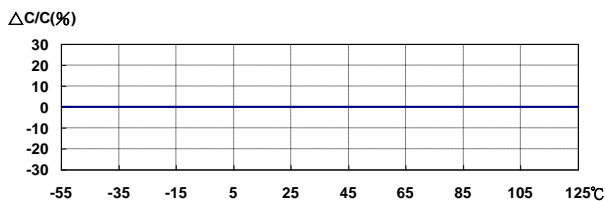
3. Impedance/ESR-Frequency

(Equipment: 4287A+ENA5071C)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

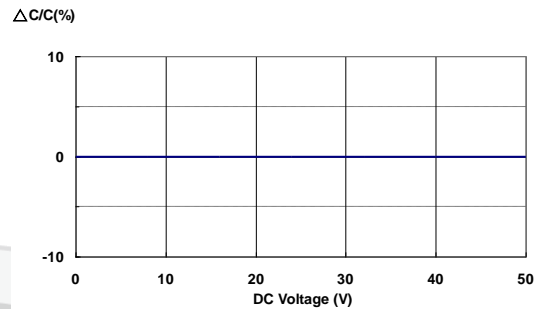


5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A

; DC charge 60±5sec)

25V :0% ; 50V :0%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

