

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 NPO 16pF 50V (0402N160J500CT)

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

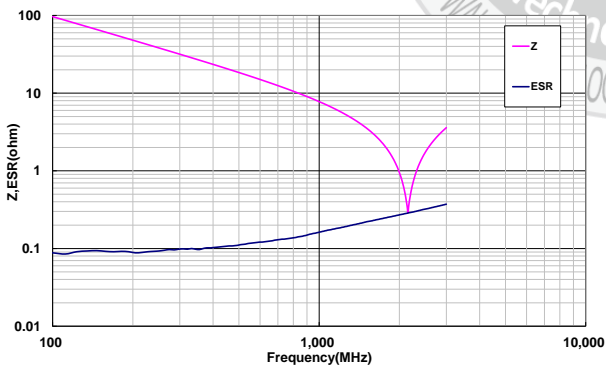
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	16 (±5%)
DF	≤0.139%
IR [G-ohm]	≥10

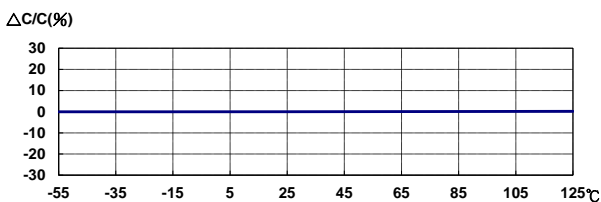
3. Impedance/ESR-Frequency

(Equipment: 4991B)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

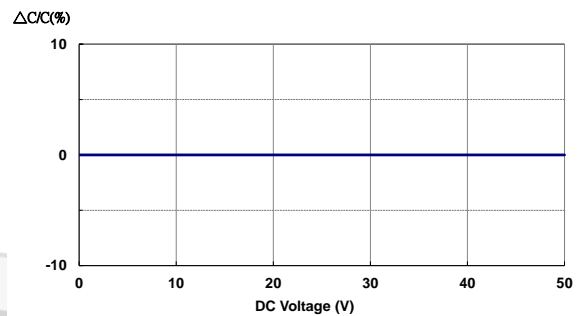


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A

; DC charge 60±5sec)

25V : 0.00% ; 50V : 0.00%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

