

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0805 NPO 1nF 50V (0805N102J500CT)

1. Dimension



| Size Inch (mm) | L (mm) | W (mm) | T (mm) |
|----------------|-----------|-----------|-----------|
| 0805 (2012) | 2.00±0.15 | 1.25±0.10 | 0.80±0.10 |

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 |

3. Impedance/ESR-Frequency

(Equipment: 4991B)

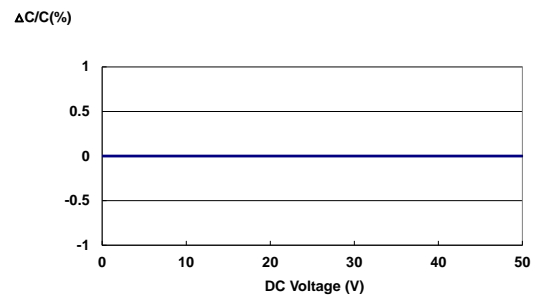


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A)

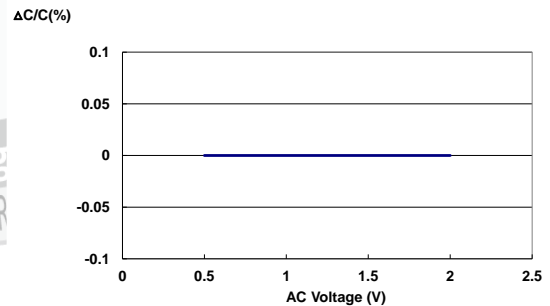
(DC charge 60±5sec)

25V : 0% ; 50V : 0%



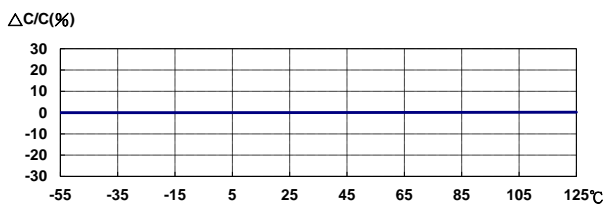
6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2020/08/26