

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 NPO 22pF 100V (0402N220J101CT)

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 |

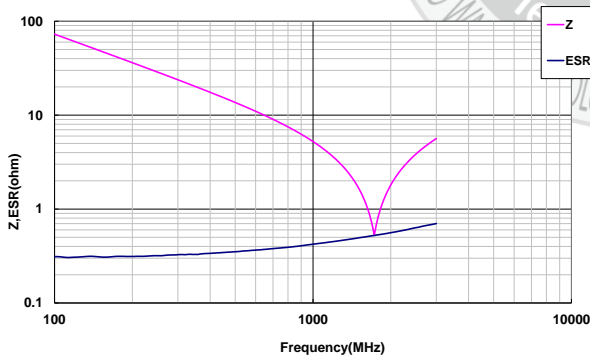
2. Cap, DF, IR @25°C

(Cap, DF @ 1MHz, 1Vrms ; IR @ 100V, 120sec)

| Item | Spec |
|------------|----------|
| Cap [pF] | 22 (±5%) |
| DF | ≤ 0.12% |
| IR [G-ohm] | ≥ 10 |

3. Impedance/ESR-Frequency

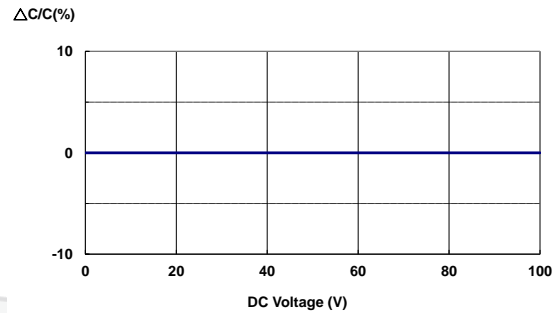
(Equipment: 4991B)



5. Capacitance – DC Voltage Characteristics

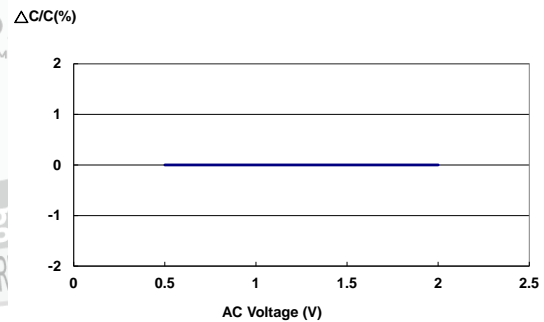
(Equipment: 4980A; DC charge 60±5sec)

50V :0% ; 100V :0%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

