

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

01005 NPO 33pF 16V (01R5N330J160CT)

1. Dimension



| Size Inch (mm) | L (mm) | W (mm) | T (mm) |
|----------------|-----------|-----------|-----------|
| 01R5 (0402) | 0.40±0.02 | 0.20±0.02 | 0.20±0.02 |

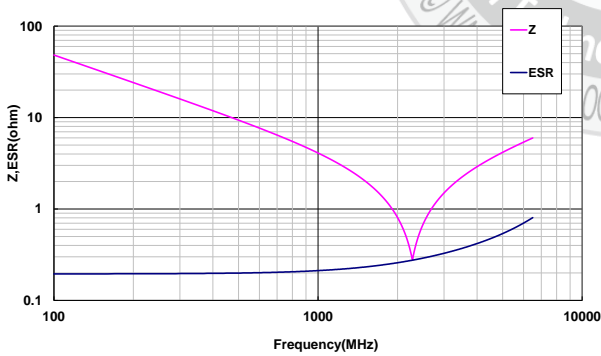
2. Cap, DF, IR @25°C

(Cap, DF @1MHz, 1Vrms ; IR @16V, 120sec)

| Item | Spec |
|------------|---------|
| Cap [pF] | 33(±5%) |
| DF | ≤ 0.1% |
| IR [G-ohm] | ≥ 10 |

3. Impedance/ESR-Frequency

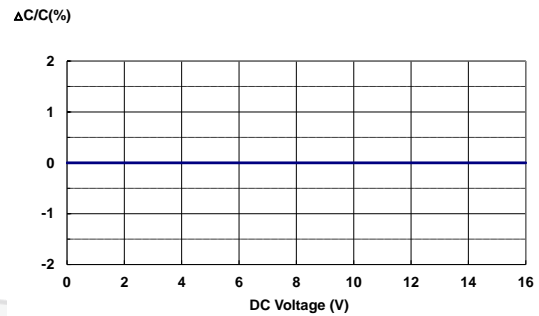
(Equipment: 4991B+ENA5071C)



5. Capacitance – DC Voltage Characteristics

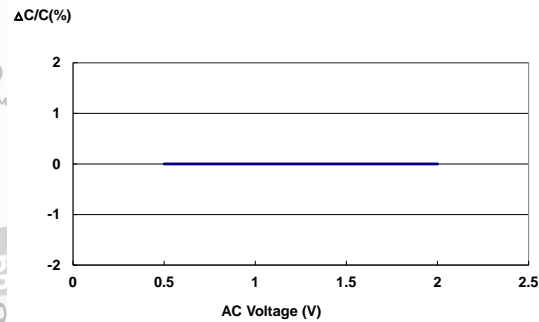
(Equipment: 4980A; DC charge 60±5sec)

8V: 0%; 16V: 0%



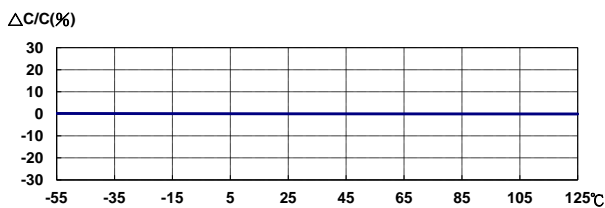
6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2021/04/30