

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0805 NPO 33pF 16V(0805N330J160CT)

1. Dimension



| Size Inch (mm) | L (mm)    | W (mm)    | T (mm)    |
|----------------|-----------|-----------|-----------|
| 0805 (2012)    | 2.00±0.15 | 1.25±0.10 | 0.60±0.10 |

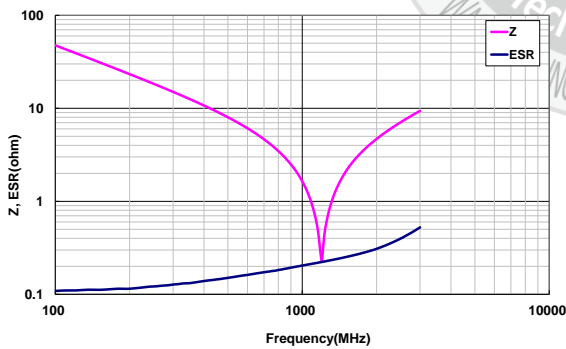
2. Cap, DF, IR @25°C

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

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

3. Impedance/ESR-Frequency

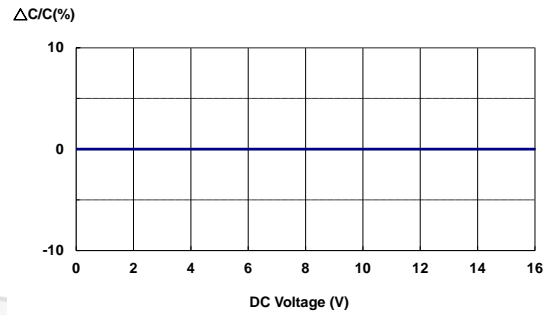
(Equipment: 4991B)



5. Capacitance – DC Voltage Characteristics

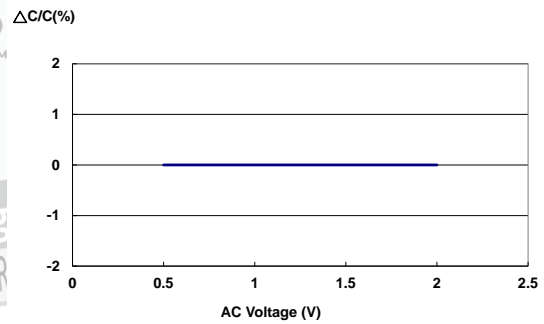
(Equipment: 4980A; DC charge 60±5sec)

8V : 0.00% ; 16V : 0.00%



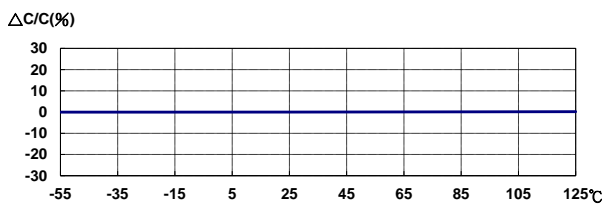
6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2019/09/12