

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0603 X7R 330pF 50V(0603B331K500CT)

1. Dimension



| Size<br>Inch (mm) | L (mm)    | W (mm)    | T (mm)    |
|-------------------|-----------|-----------|-----------|
| 0603<br>(1608)    | 1.60±0.10 | 0.80±0.10 | 0.80±0.07 |

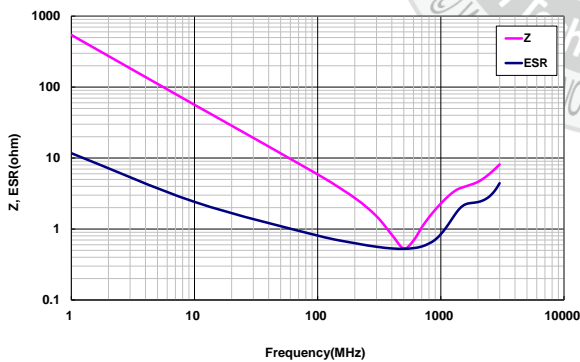
2. Cap, DF, IR @25°C

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

| Item       | Spec       |
|------------|------------|
| Cap [pF]   | 330 (±10%) |
| DF         | ≤ 2.5%     |
| IR [G-ohm] | ≥ 10       |

3. Impedance/ESR-Frequency

(Equipment: 4287A)

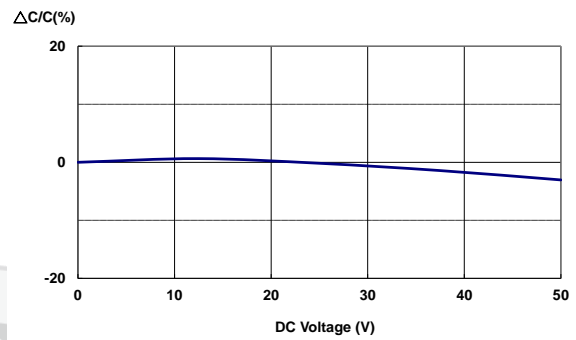


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A)

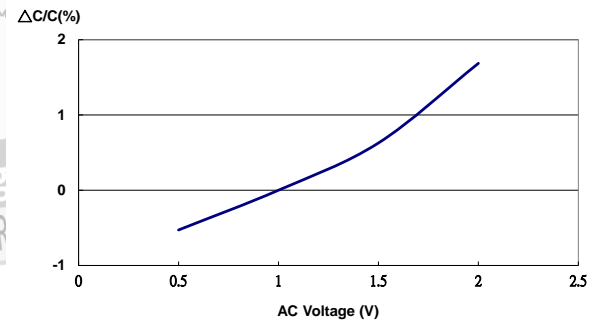
(DC charge 60±5sec)

25V : -0.17% ; 50V :-3.04%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

