

Chip Monolithic Ceramic Capacitor

**Electrical Characteristics Data**

**0201 X5R 3.3nF 10V (0201X332K100CT)**

1. Dimension



| Size<br>Inch (mm) | L (mm)   | W (mm)   | T (mm)   |
|-------------------|----------|----------|----------|
| 0201<br>(0603)    | 0.6±0.03 | 0.3±0.03 | 0.3±0.03 |

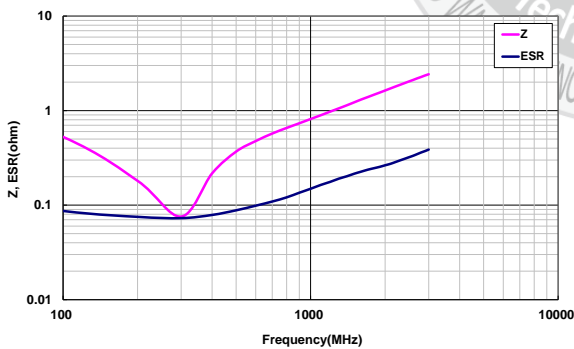
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @10V, 120sec)

| Item       | Spec      |
|------------|-----------|
| Cap [nF]   | 3.3(±10%) |
| DF         | ≤ 5%      |
| IR [G-ohm] | ≥ 10      |

3. Impedance/ESR-Frequency

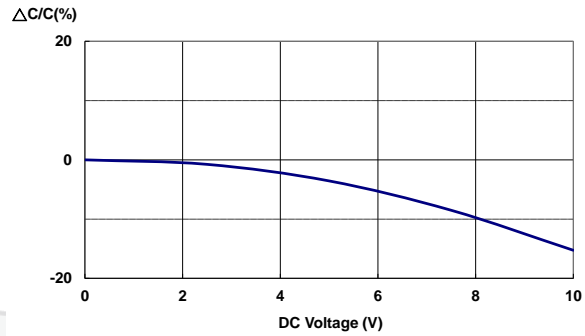
(Equipment: 4287A)



5. Capacitance – DC Voltage Characteristics

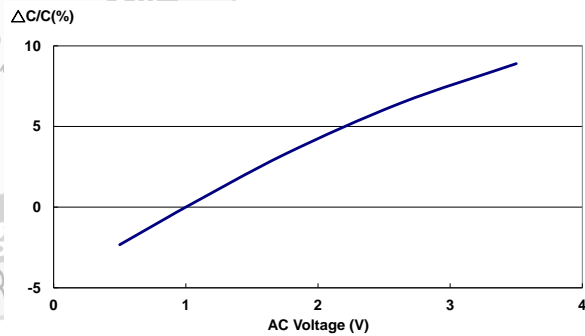
(Equipment: 4980A; DC charge 60±5sec)

5V : -3.56% ; 10V : -15.25%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

