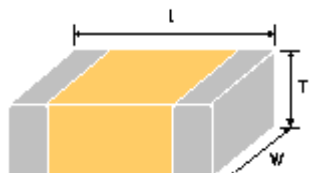


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0603 X7R 10nF 50V(0603B103K500CT)

1. Dimension



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

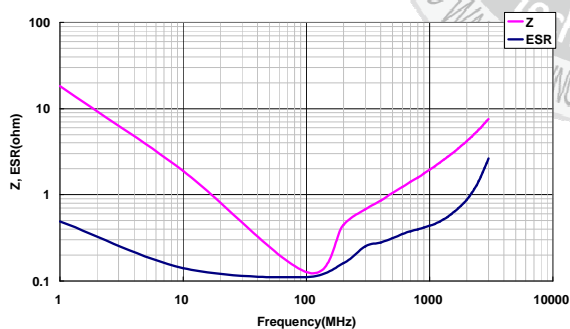
2. Cap, DF, IR @25°C

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

| Item | Spec |
|------------|----------|
| Cap [nF] | 10(±10%) |
| DF | ≤ 2.5% |
| IR [G-ohm] | >10 |

3. Impedance/ESR-Frequency

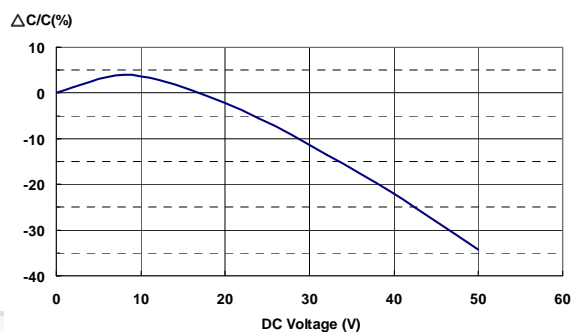
(Equipment: 4287A)



5. Capacitance – DC Voltage Characteristics

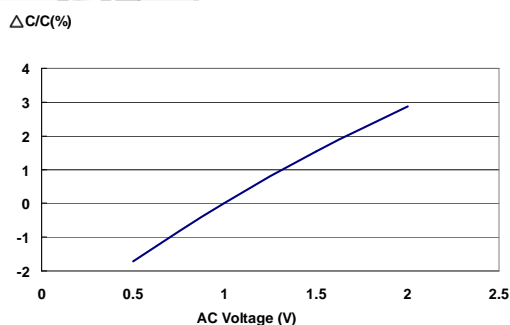
(Equipment: 4284A; DC charge 60±5sec)

24V : -5.55% ; 50V : -34.22%



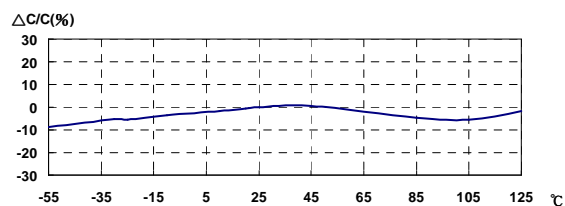
6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2018/01/09