

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0805 X7R 470pF 50V(0805B471K500CT)

1. Dimension



| Size Inch (mm) | L (mm) | W (mm) | T (mm) |
|-------------------|-----------|-----------|-----------|
| 0805 (2012) | 2.00±0.15 | 1.25±0.10 | 0.80±0.10 |

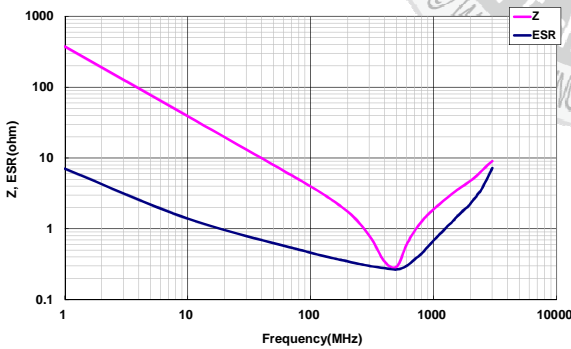
2. Cap, DF, IR @25°C

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

| Item | Spec |
|------------|-----------|
| Cap [pF] | 470(±10%) |
| DF | ≤2.5% |
| IR [G-ohm] | > 10 |

3. Impedance/ESR-Frequency

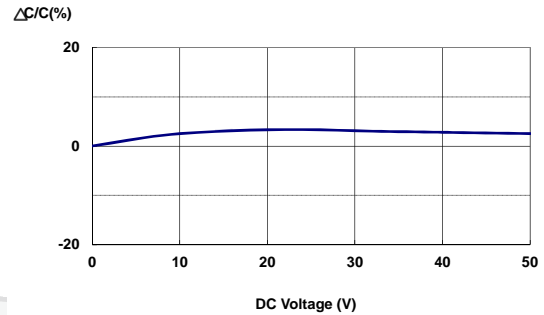
(Equipment: 4287A)



5. Capacitance – DC Voltage Characteristics

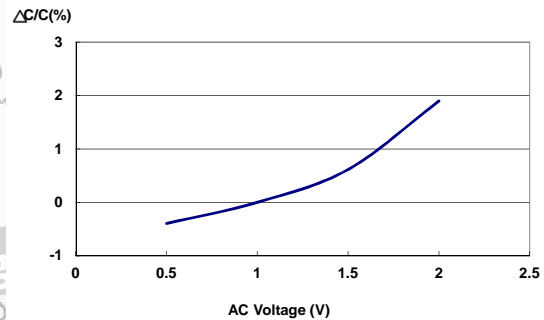
(Equipment: 4284A; DC charge 60±5sec)

25V : 3.32% ; 50V : 2.51%



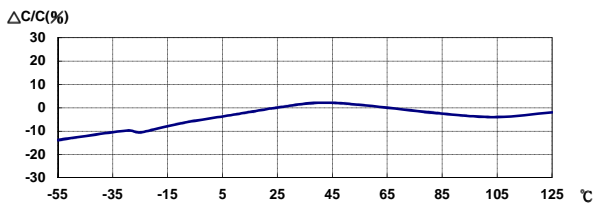
6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2018/07/27