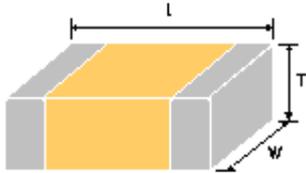


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0402 X7R 330pF 50V(0402B331K500CT)

1. Dimension



| Size<br>Inch (mm) | L (mm)    | W (mm)    | T (mm)    |
|-------------------|-----------|-----------|-----------|
| 0402(1005)        | 1.00±0.05 | 0.50±0.05 | 0.50±0.05 |

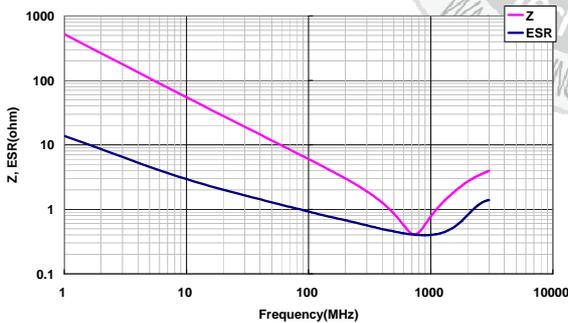
2. Cap, DF, IR @25°C

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

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

3. Impedance/ESR-Frequency

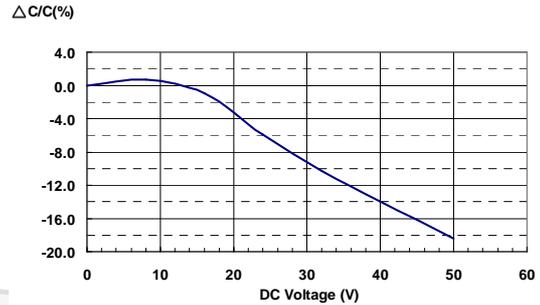
(Equipment: 4287A)



5. Capacitance – DC Voltage Characteristics

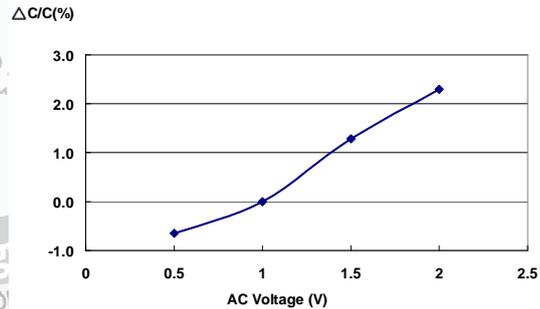
(Equipment: 4284A; DC charge 60±5sec)

24V : -5.87% ; 50V : -18.40%



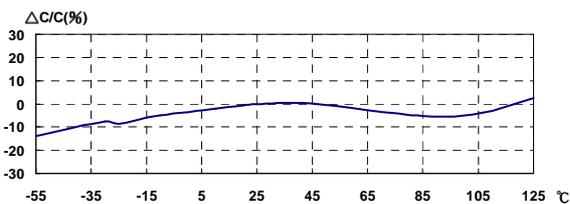
6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2017/10/26