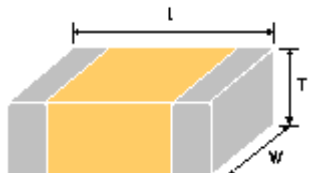


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0805 X7R 22nF 50V(0805B223K500C T)

#### 1. Dimension



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

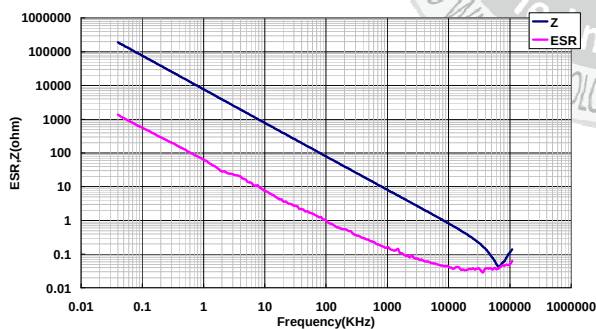
#### 2. Cap, DF, IR @25°C

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

| Item       | Spec     |
|------------|----------|
| Cap [nF]   | 22(±10%) |
| DF         | ≤ 2.5%   |
| IR [G-ohm] | > 10     |

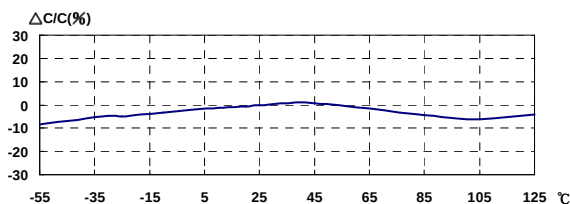
#### 3. Impedance/ESR-Frequency

(Equipment: 4287A)



#### 4. Capacitance – Temperature Characteristics

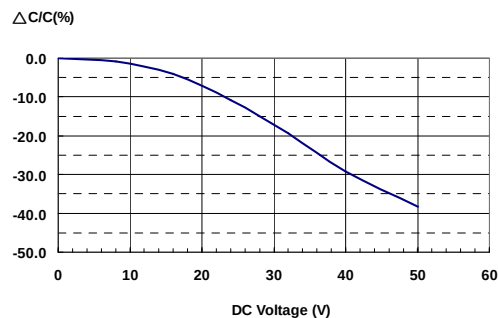
(Equipment: 4284A)



#### 5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

24V : -10.86% ; 50V : -38.38%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

