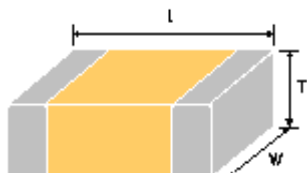


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0402 X7R 22nF 25V(0402B223K250CT)

#### 1. Dimension



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

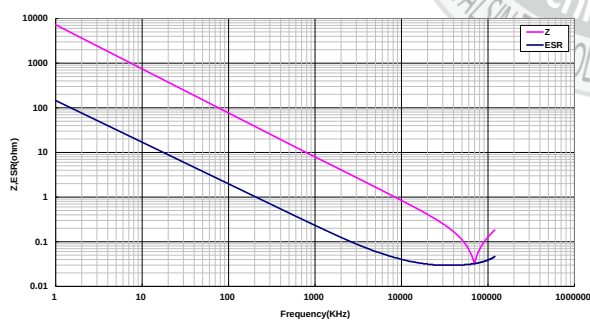
#### 2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @25V, 120sec)

| Item       | Spec     |
|------------|----------|
| Cap [nF]   | 22(±10%) |
| DF         | ≤ 3.5%   |
| IR [G-ohm] | ≥ 10     |

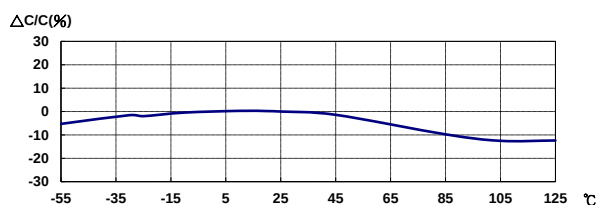
#### 3. Impedance/ESR-Frequency

(Equipment: 4990A)



#### 4. Capacitance – Temperature Characteristics

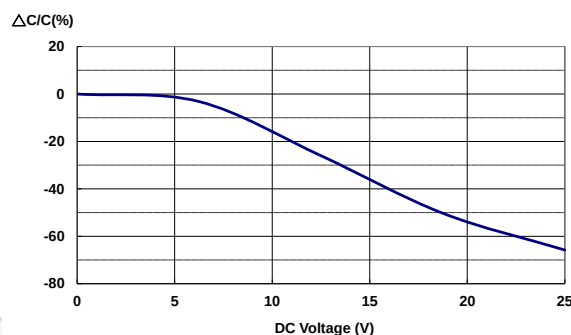
(Equipment: 4284A)



#### 5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A; DC charge 60±5sec)

12.5V : -26.02% ; 25V : -65.80%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

