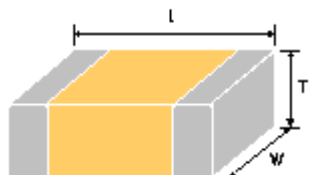


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0805 X7R 10nF 250V(0805B103K251CT)

#### 1. Dimension



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

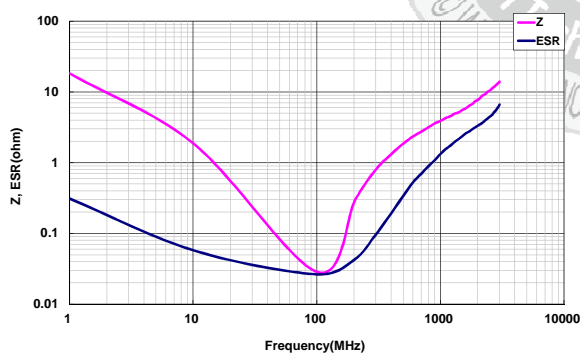
#### 2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @250V, 120sec)

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

#### 3. Impedance/ESR-Frequency

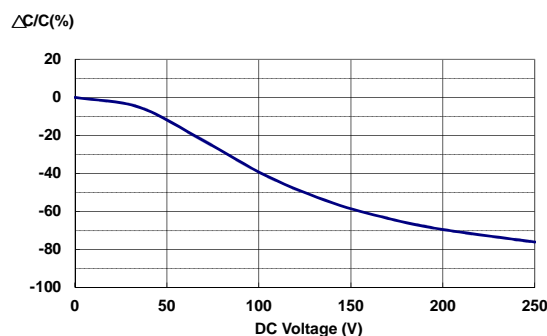
(Equipment: 4287A)



#### 5. Capacitance – DC Voltage Characteristics

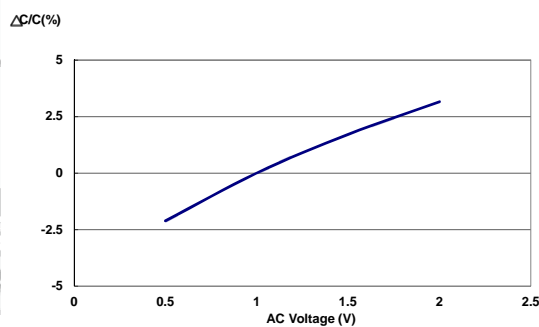
(Equipment: 4284A; DC charge 60±5sec)

125V : -50.75% ; 250V : -76.13%



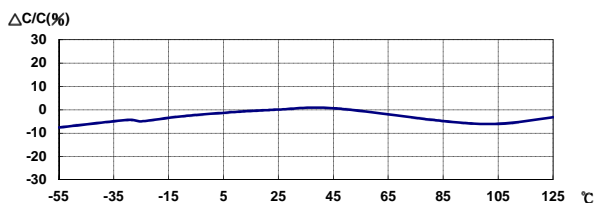
#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2018/07/27