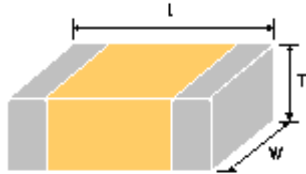


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0805 X7R 1nF 50V(0805B102K500CT)

#### 1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0805 (2012)	2.00±0.15	1.25±0.10	0.8±0.10

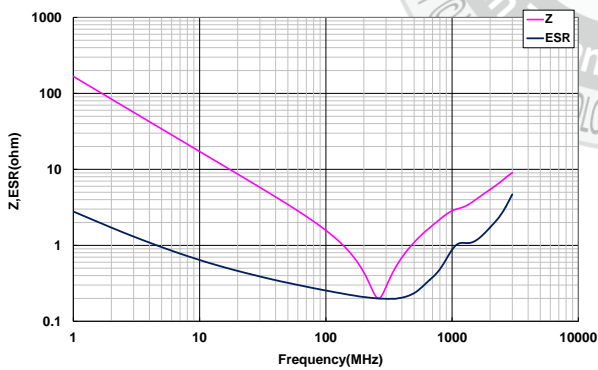
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	1(±10%)
DF	≤ 2.5%
IR [G-ohm]	≥ 10

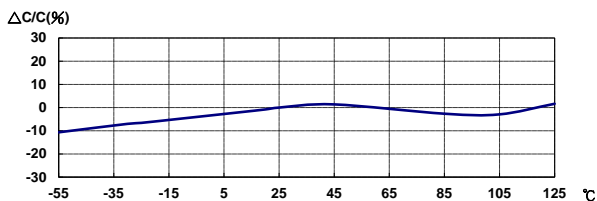
#### 3. Impedance/ESR-Frequency

(Equipment: 4991B)



#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

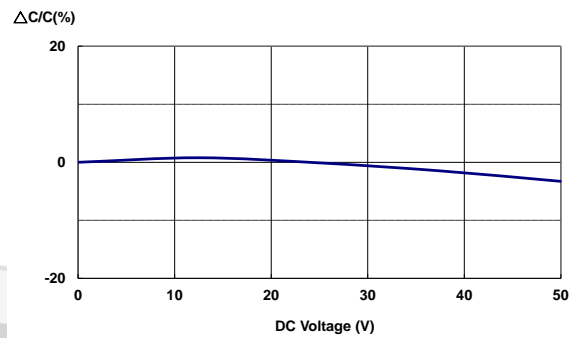


#### 5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A

;DC charge 60±5sec)

25V : -0.1% ; 50V : -3.28%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

