

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0201 X7R 1nF 25V(0201B102K250CT)

#### 1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0201 (0603)	0.6±0.03	0.3±0.03	0.3±0.03

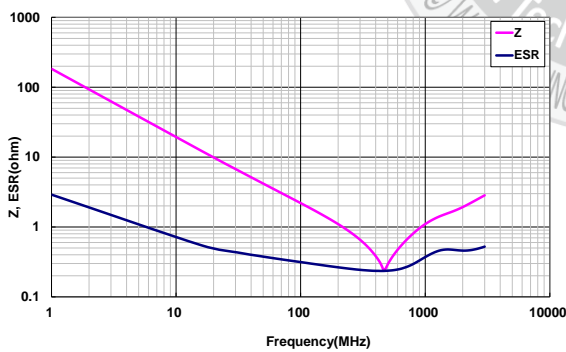
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	1 (±10%)
DF	≤ 3.5%
IR [G-ohm]	≥ 10

#### 3. Impedance/ESR-Frequency

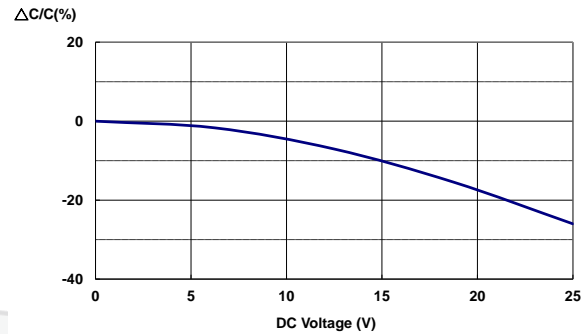
(Equipment: 4991B)



#### 5. Capacitance – DC Voltage Characteristics

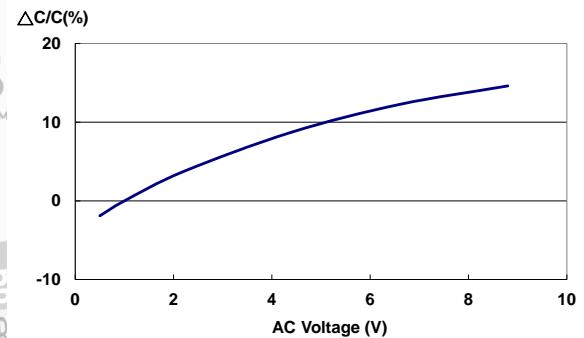
(Equipment: 4980A; DC charge 60±5sec)

12.5V : -7.05% ; 25V : -26.01%



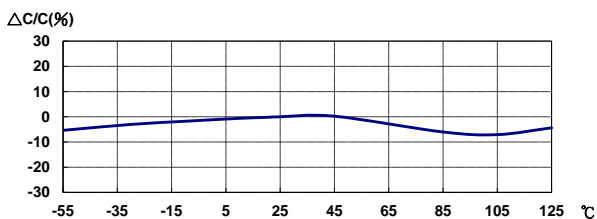
#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2019/11/01