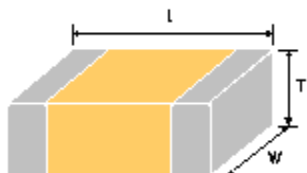


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0603 NPO 100pF 250V(0603N101J251CT)

#### 1. Dimension



| Size<br>Inch (mm) | L (mm)    | W (mm)    | T (mm)    |
|-------------------|-----------|-----------|-----------|
| 0603<br>(1608)    | 1.60±0.10 | 0.80±0.10 | 0.80±0.07 |

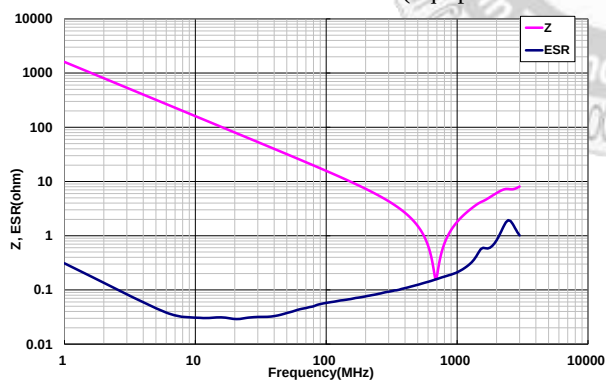
#### 2. Cap, DF, IR @25°C

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

| Item       | Spec     |
|------------|----------|
| Cap [pF]   | 100(±5%) |
| DF         | ≤0.1%    |
| IR [G-ohm] | ≥10      |

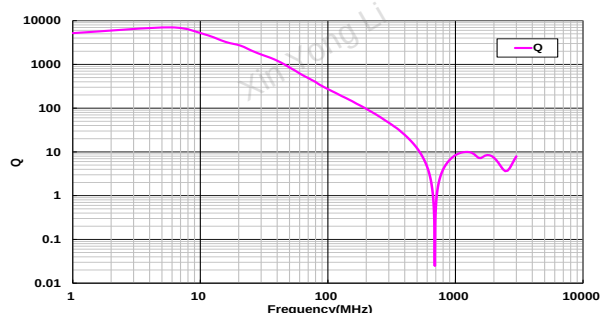
#### 3. Impedance/ESR-Frequency

(Equipment: 4991B)



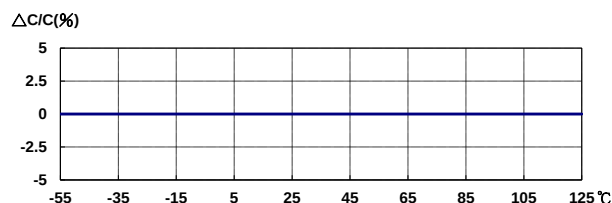
#### Q-Frequency

(Equipment: 4991B)



#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

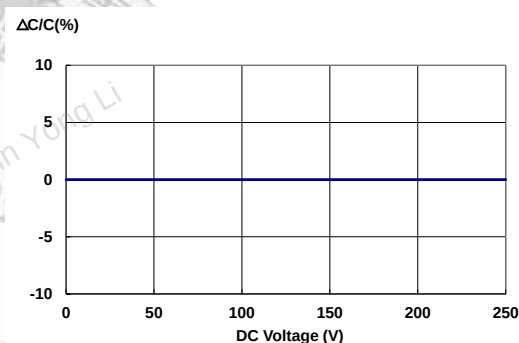


#### 5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A)

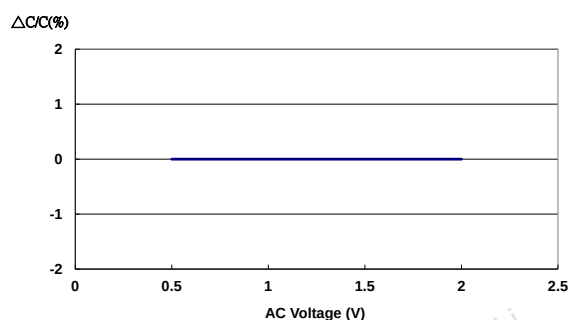
( DC charge 60±5sec)

125V : 0.00% ; 250V : 0.00%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



Last updated : 2023/07/14