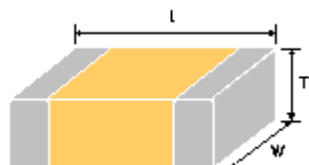


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0201 NPO 2.7pF 50V (0201N2R7C500CT)

#### 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

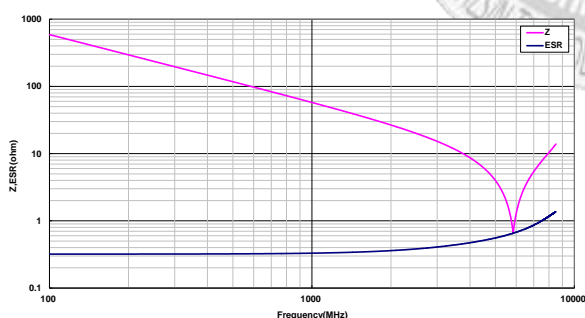
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	2.7(±0.25pF)
DF	≤ 0.22%
IR [G-ohm]	≥ 10

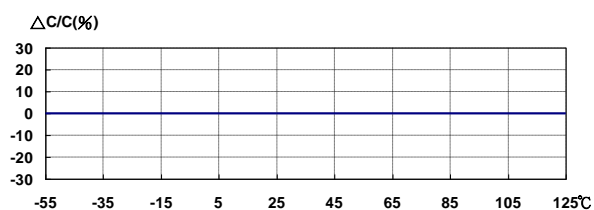
#### 3. Impedance/ESR-Frequency

(Equipment: 4287A+ENA5071C)



#### 4. Capacitance – Temperature Characteristics

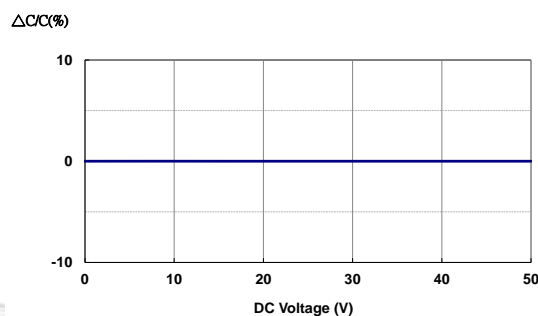
(Equipment: 4284A)



#### 5. Capacitance – DC Voltage Characteristics

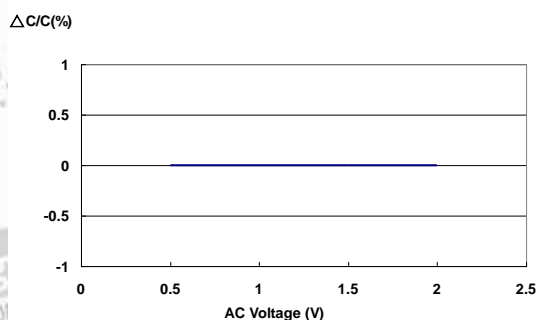
(Equipment: 4284A; DC charge 60±5sec)

25V : 0% ; 50V : 0%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2020/03/13