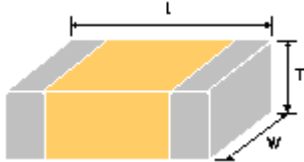


## Electrical Characteristics Data

### 0402 NPO 8.2pF 50V (0402N8R2B500CT)

#### 1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0402 (1005)	1.00±0.05	0.50±0.05	0.50±0.05

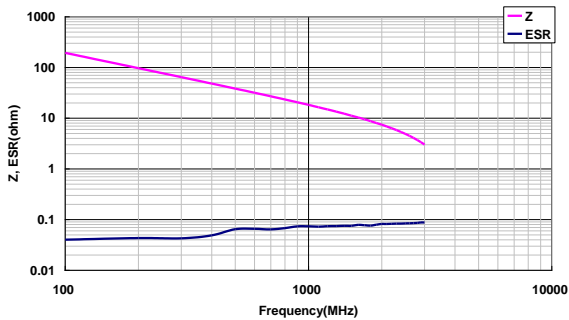
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	8.2(±0.1 pF)
DF	≤0.177%
IR [G-ohm]	>10 min

#### 3. Impedance/ESR-Frequency

(Equipment: 4287A)



#### 4. Capacitance – Temperature Characteristics

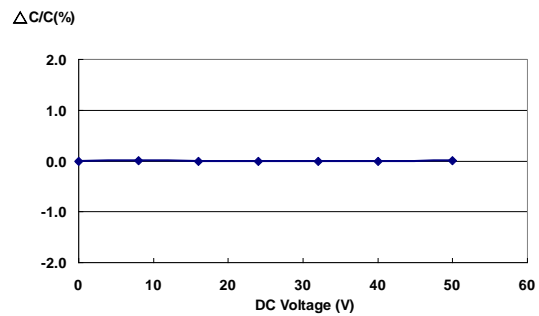
(Equipment: 4284A)

≤ 10 pF, The TCC measurement is unstable and high deviation

#### 5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

24V :0% ; 50V :0%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A; AC charge 60±5sec)

