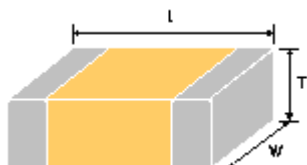


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0603 NPO 1nF 50V (0603N102F500CT)

#### 1. Dimension



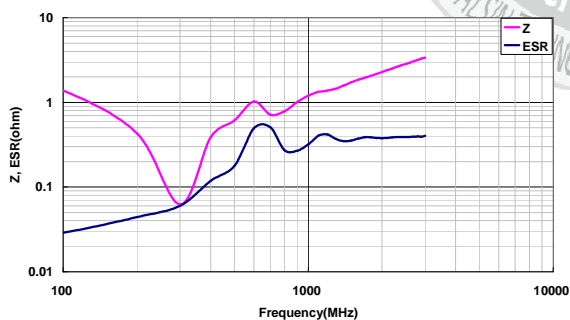
Size Inch (mm)	L (mm)	W (mm)	T (mm)
0603 (1608)	1.60±0.10	0.80±0.10	0.80±0.07

#### 2. Cap, DF, IR @25°C

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

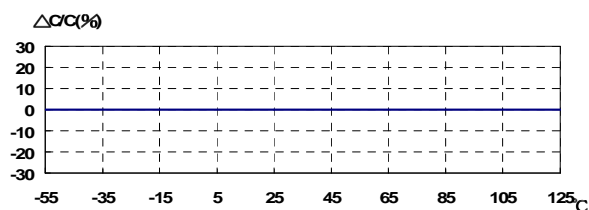
Item	Spec
Cap [nF]	1 (±1%)
DF	≤ 0.1%
IR [G-ohm]	>10

#### 3. Impedance/ESR-Frequency



#### 4. Capacitance – Temperature Characteristics

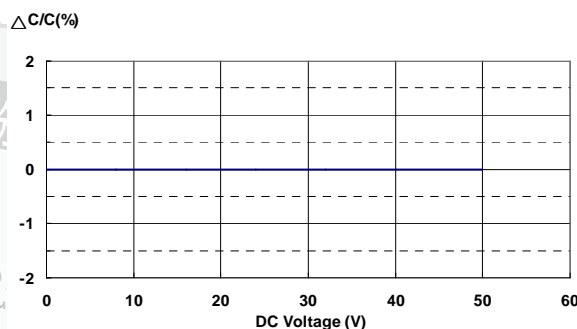
(Equipment: 4284A)



#### 5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

25V :0% ; 50V :0%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

