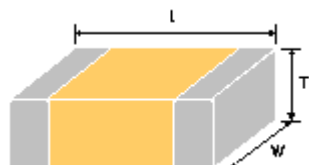


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0603 Y5V 10 nF 50 V (0603F103Z500CT)

#### 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

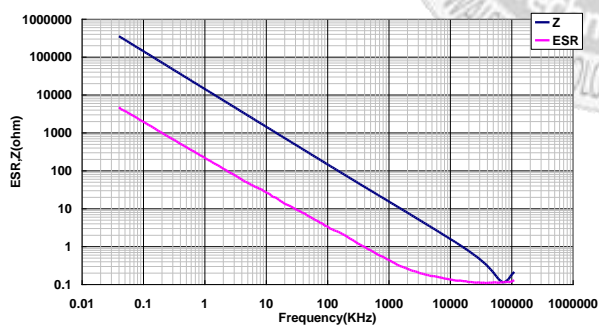
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	10(-20/+80%)
DF	≤ 5%
IR [G-ohm]	≥ 10

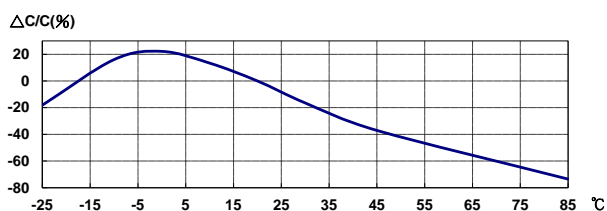
#### 3. Impedance/ESR-Frequency

(Equipment: 4294A)



#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

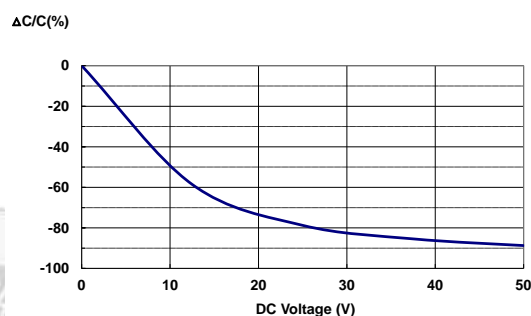


#### 5. Capacitance – DC Voltage Characteristics

(Equipment: E4980+B1505+N1259)

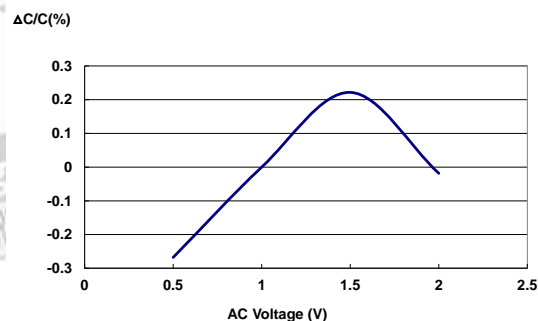
(DC charge 60±5sec)

25V : -78.74% ; 50V : -88.71%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2018/03/26