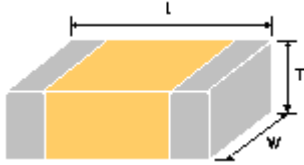


## Electrical Characteristics Data

### 0603 Y5V 0.1uF 50 V (0603F104Z500CT)

#### 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 |

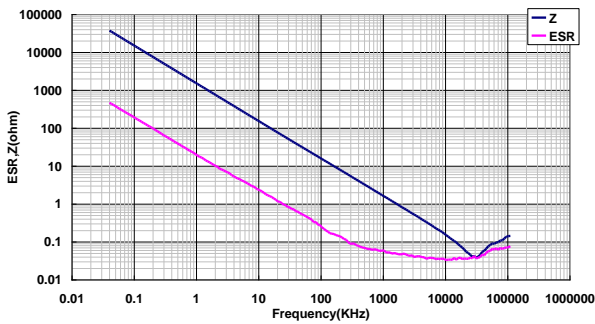
#### 2. Cap, DF, IR @25°C

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

| Item       | Spec          |
|------------|---------------|
| Cap [uF]   | 0.1(-20/+80%) |
| DF         | ≤7%           |
| IR [G-ohm] | 5 min         |

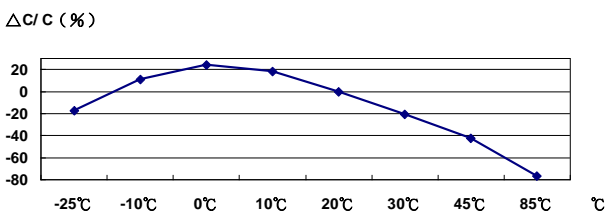
#### 3. Impedance/ESR-Frequency

(Equipment: 4294A)



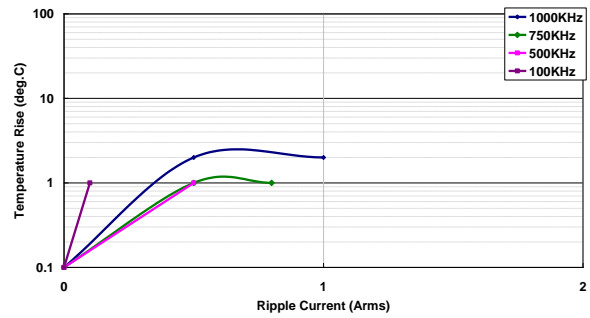
#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



#### 5. Temperature Rise – Ripple Current

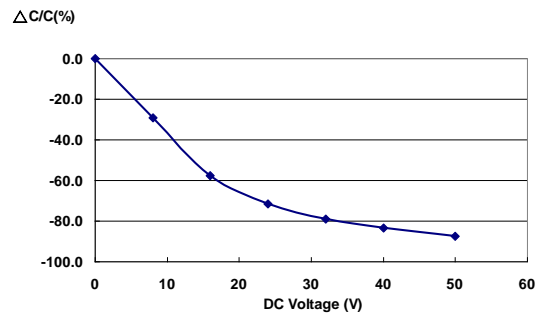
(Equipment: 11810)



#### 6. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

24V : -71.54% ; 50V : -87.54%



#### 7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A; AC charge 60±5sec)

