

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0603 X7R 0.1uF 25V(0603B104M250CT)

#### 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

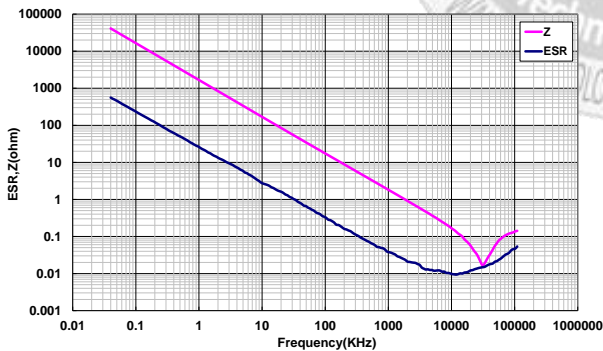
#### 2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @25V, 120sec)

Item	Spec
Cap [uF]	0.1 (±20%)
DF	≤ 3.5%
IR [G-ohm]	≥ 5

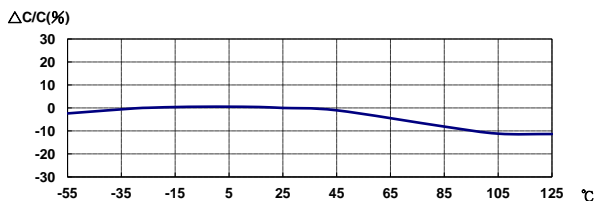
#### 3. Impedance/ESR-Frequency

(Equipment: 4294A)



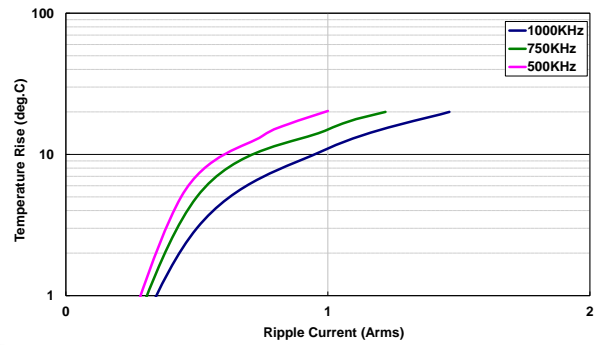
#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



#### 5. Temperature Rise – Ripple Current

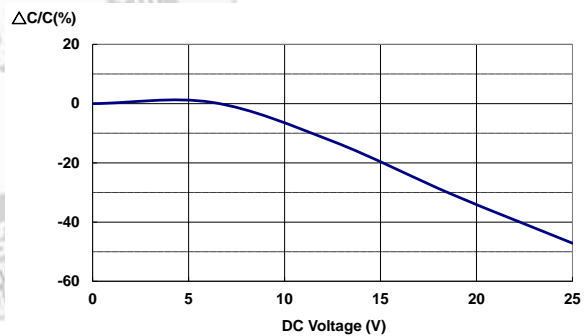
(Equipment: 11810)



#### 6. Capacitance – DC Voltage Characteristics

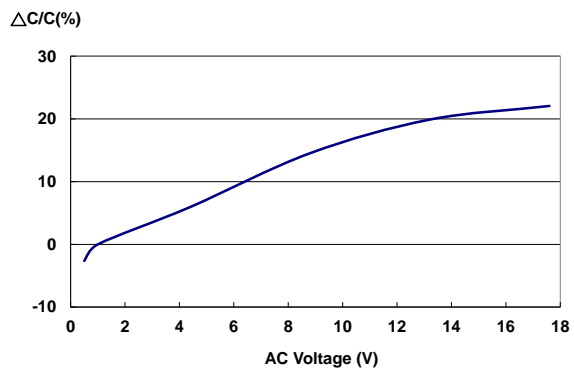
(Equipment: 4980A; DC charge 60±5sec)

12.5V : -12.70% ; 25V : -47.11%



#### 7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



Last updated : 2020/10/21