

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0805 X7R 0.1uF 50V(0805B104M500CT)

#### 1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0805 (2012)	2.00±0.15	1.25±0.10	0.80±0.10

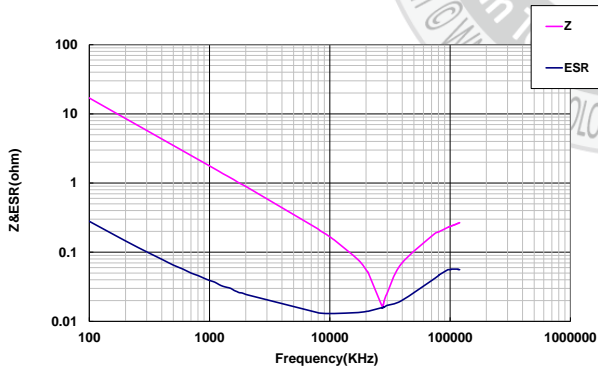
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	0.1 (±20%)
DF	≤ 2.5%
IR [G-ohm]	≥ 5

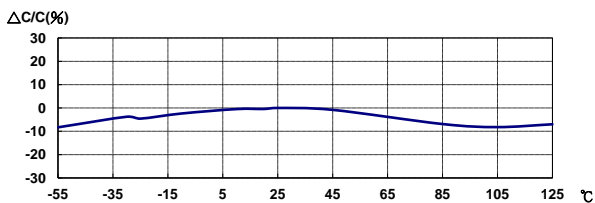
#### 3. Impedance/ESR-Frequency

(Equipment: 4990A)



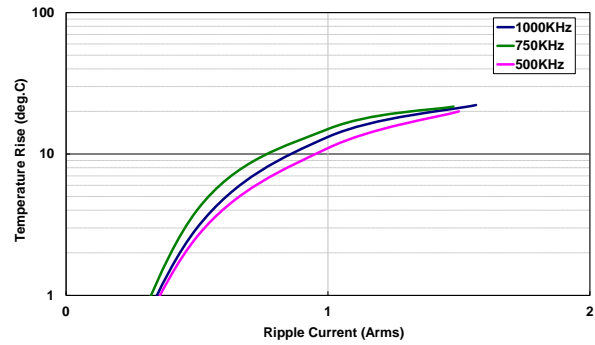
#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



#### 5. Temperature Rise – Ripple Current

(Equipment: 11810)

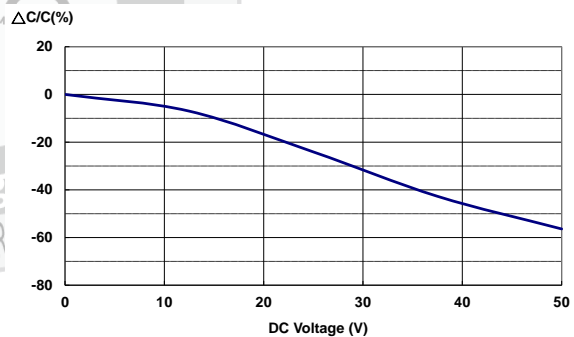


#### 6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505+N1259)

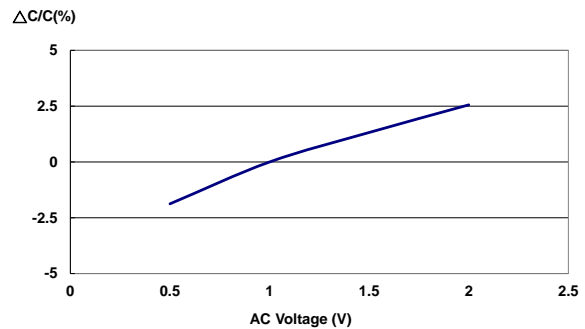
(DC charge 60±5sec)

25V : -24.10% ; 50V : -56.40%



#### 7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2020/09/21