

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0805 X5R 22uF 10V (0805X226M100CT)

#### 1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0805 (2012)	2.00±0.20	1.25±0.20	1.25±0.20

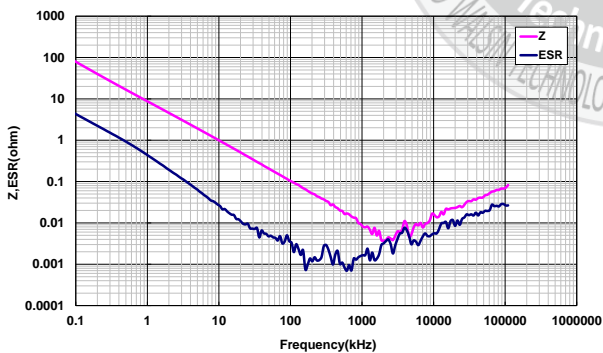
#### 2. Cap, DF, IR @25°C

(Cap, DF @120Hz, 0.5Vrms ; IR @10V, 120sec)

Item	Spec
Cap [uF]	22 (±20%)
DF	≤ 10%
IR [G-ohm]	≥ 0.00455

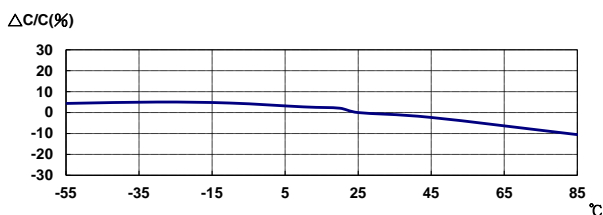
#### 3. Impedance/ESR-Frequency

(Equipment: 4294A)



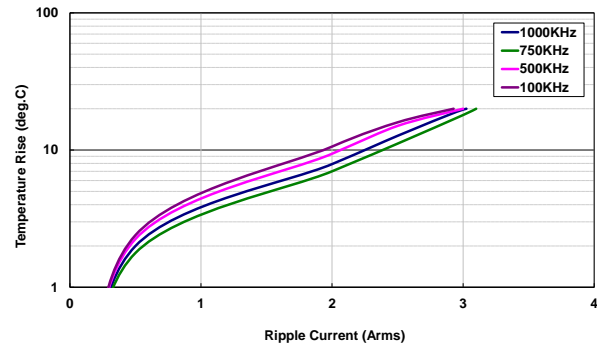
#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



#### 5. Temperature Rise – Ripple Current

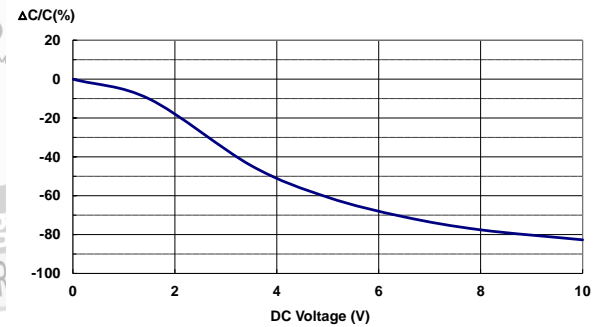
(Equipment: 11810)



#### 6. Capacitance – DC Voltage Characteristics

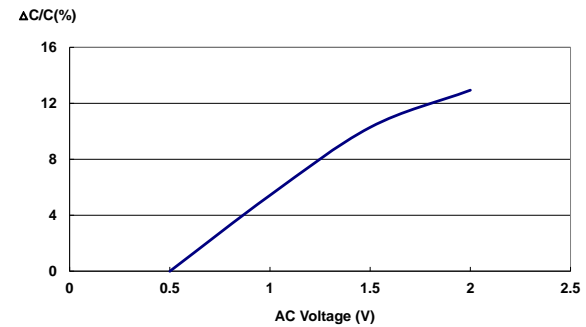
(Equipment: 4284A; DC charge 60±5sec)

5V : -60.78% ; 10V : -82.68%



#### 7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2019/03/08