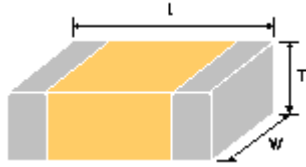


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0603 X5R 22uF 10V (0603X226K100CT)

1. Dimension



| Size Inch (mm) | L (mm) | W (mm) | T (mm) |
|----------------|-----------|-----------|-----------|
| 0603 (1608) | 1.60±0.20 | 0.80±0.20 | 0.80±0.20 |

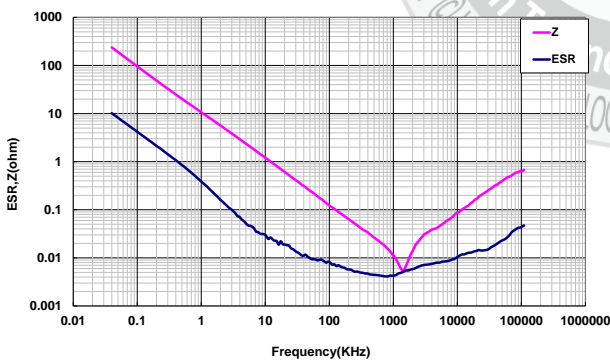
2. Cap, DF, IR @25°C

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

| Item | Spec |
|------------|-----------|
| Cap [uF] | 22 (±10%) |
| DF | ≤ 15% |
| IR [G-ohm] | ≥0.00227 |

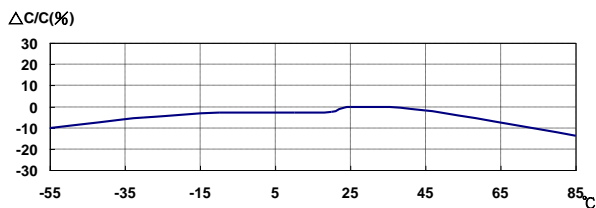
3. Impedance/ESR-Frequency

(Equipment: 4294A)



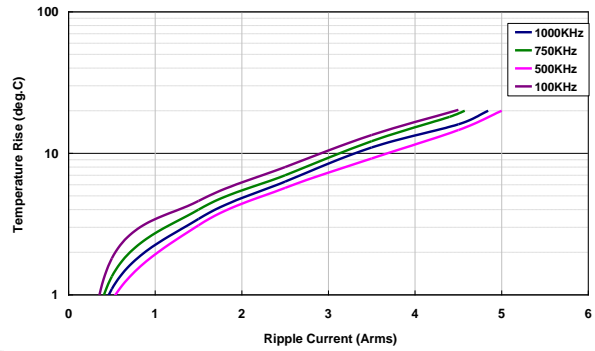
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

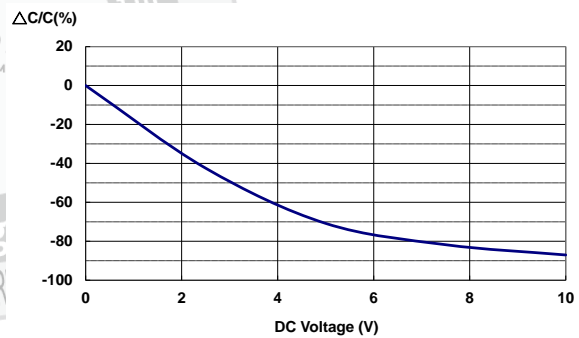
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

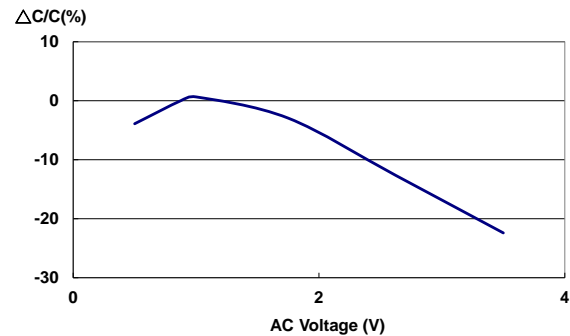
(Equipment: E4980A; DC charge 60±5sec)

5V : -70.82% ; 10V : -87.04%



7. Capacitance – AC Voltage Characteristics

(Equipment: E4980A)



Last updated : 2021/01/08