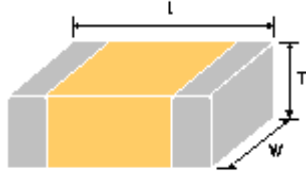


Electrical Characteristics Data

0805 X5R 10uF 10V (0805X106K100CT)

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 |

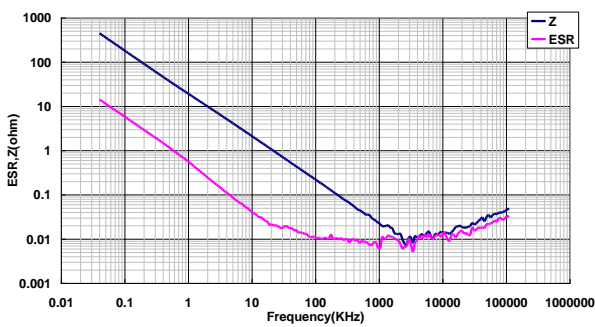
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @10V, 120sec)

| Item | Spec |
|------------|-----------|
| Cap [uF] | 10 (±10%) |
| DF | ≤ 10% |
| IR [M-ohm] | ≥ 10 |

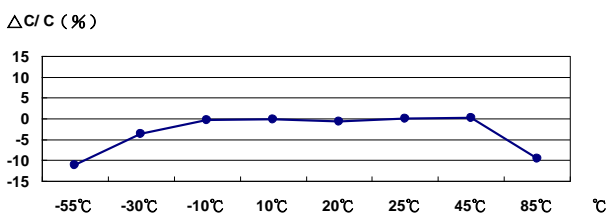
3. Impedance/ESR-Frequency

(Equipment: 4294A)



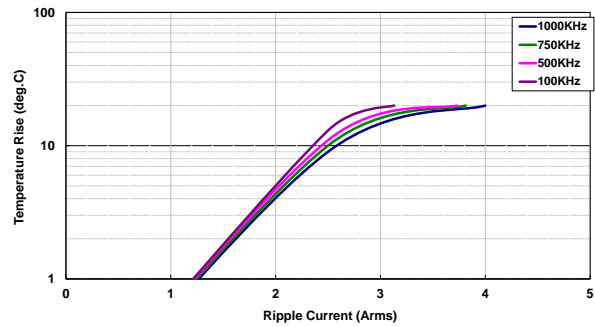
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

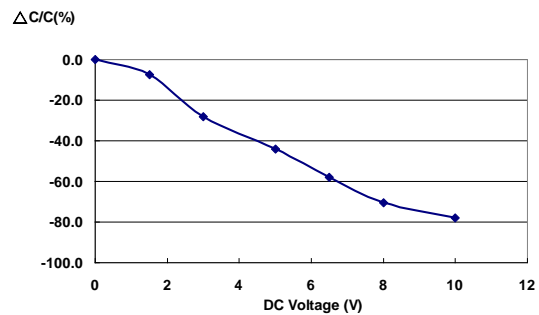
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

5V : -43.94% ; 10V : -78.09%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

