

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 X7S 0.1uF 10V (0201A104K100CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0603 (1608)	0.6±0.03	0.3±0.03	0.3±0.03

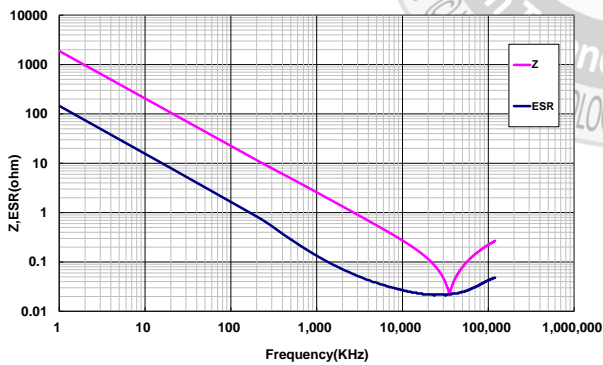
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	0.1(±10%)
DF	≤ 15%
IR [G-ohm]	≥ 1

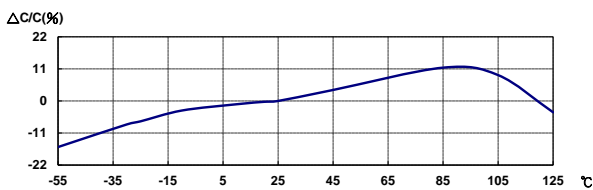
3. Impedance/ESR-Frequency

(Equipment: 4990A)



4. Capacitance – Temperature Characteristics

(Equipment: 4980A)



5. Temperature Rise – Ripple Current

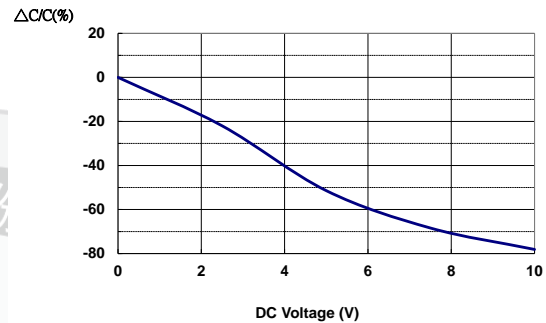
(Equipment: 11810)

Over the measure limit

6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

5V : -51.43% ; 10V : -78.12%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

