

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 X5R 0.1uF 6.3V (0201X104K6R3CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0201 (0603)	0.6±0.03	0.3±0.03	0.3±0.03

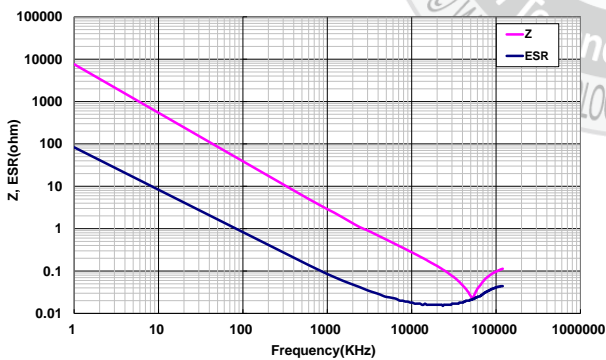
2. Cap, DF, IR @25°C

(Cap, DF @ 1KHz, 1Vrms ; IR @ 6.3V, 120sec)

Item	Spec
Cap [uF]	0.1 (±10%)
DF	≤ 10%
IR [G-ohm]	≥ 0.5

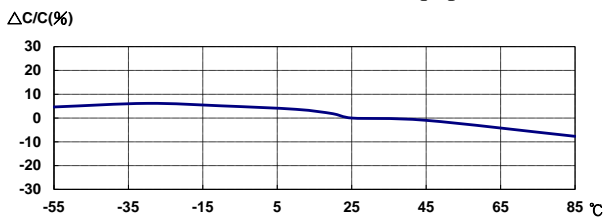
3. Impedance/ESR-Frequency

(Equipment: 4990A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

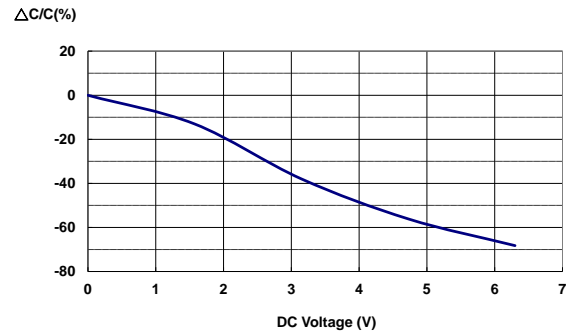
(Equipment: 11810)

Over the measure limit.

6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

3.15V : -37.98% ; 6.3V : -68.25%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

