

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0201 X5R 0.1uF 16V (0201X104K160CT)

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

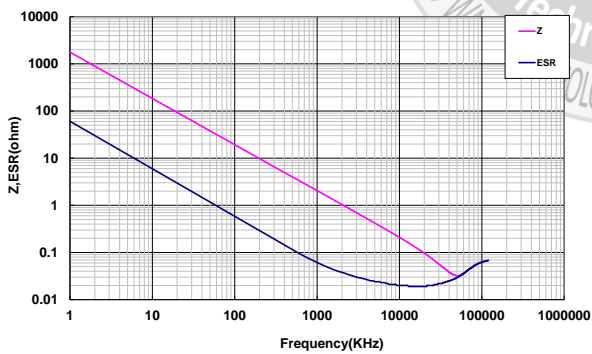
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @16V, 120sec)

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

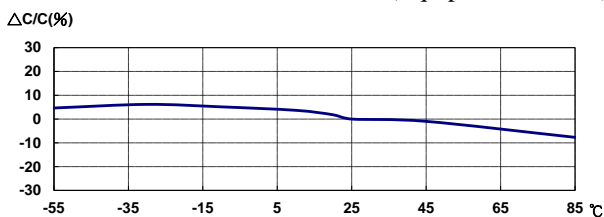
3. Impedance/ESR-Frequency

(Equipment: 4990A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

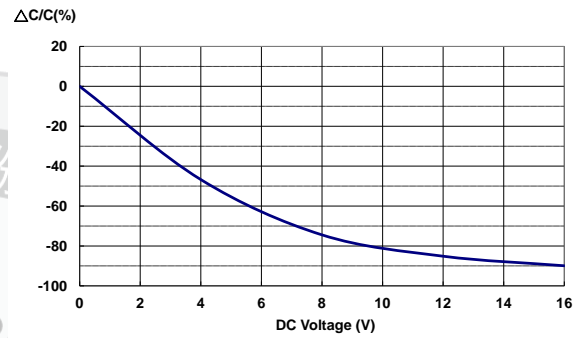
(Equipment: 11810)

Over the measure limit.

6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

8V : -74.44% ; 16V : -89.92%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

