

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 X5R 0.1uF 25V (0201X104M250CT)

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

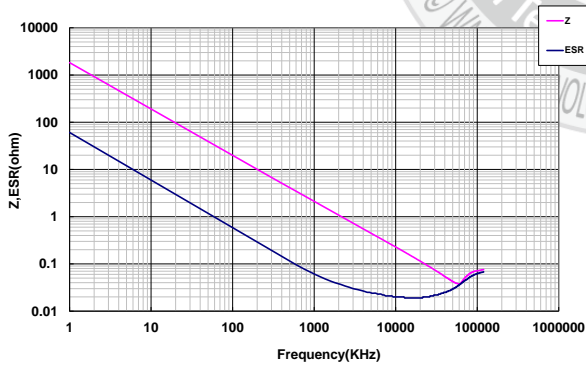
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @25V, 120sec)

Item	Spec
Cap [uF]	0.1(±20%)
DF	≤ 10%
IR [G-ohm]	≥ 0.5

3. Impedance/ESR-Frequency

(Equipment: 4990A)



5. Temperature Rise – Ripple Current

(Equipment: 11810)

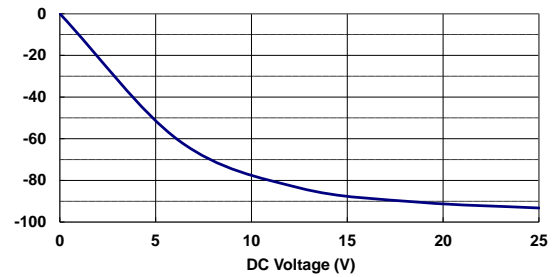
Over the measure limit.

6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

12.5V : -83.53% ; 25V : -93.23%

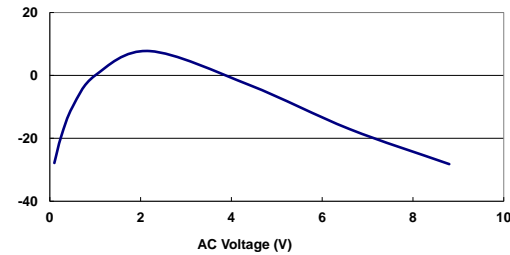
ΔC/C(%)



7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

ΔC/C(%)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

ΔC/C(%)

