

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 X5R 0.22uF 10V (0201X224K100CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0201 (0603)	0.60±0.03	0.30±0.03	0.30±0.03

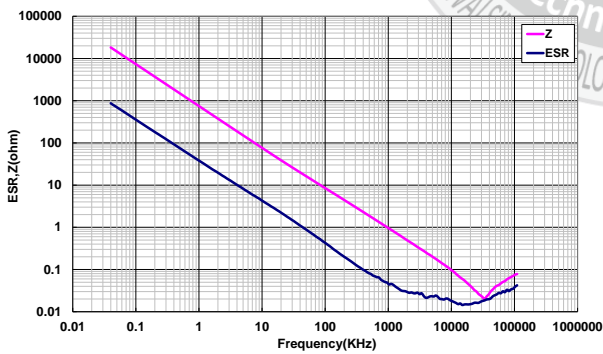
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 0.5Vrms ; IR @10V, 120sec)

Item	Spec
Cap [uF]	0.22 (±10%)
DF	≤15%
IR [G-ohm]	≥0.227

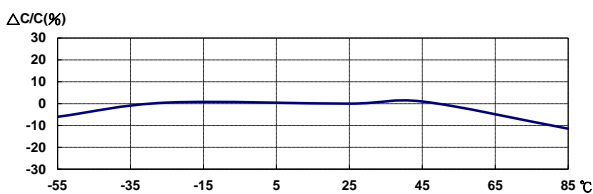
3. Impedance/ESR-Frequency

(Equipment: 4294A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

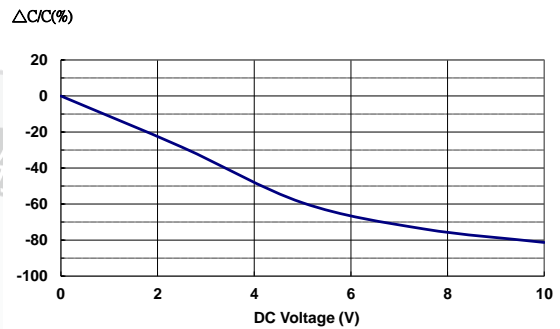
(Equipment: 11810)

Over the measure limit.

6. Capacitance – DC Voltage Characteristics

(Equipment: E4980A; DC charge 60±5sec)

5V : -59.29% ; 10V : -81.32%



7. Capacitance – AC Voltage Characteristics

(Equipment: E4980A)

