

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 X5R 0.33uF 6.3V (0201X334K6R3CT)

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

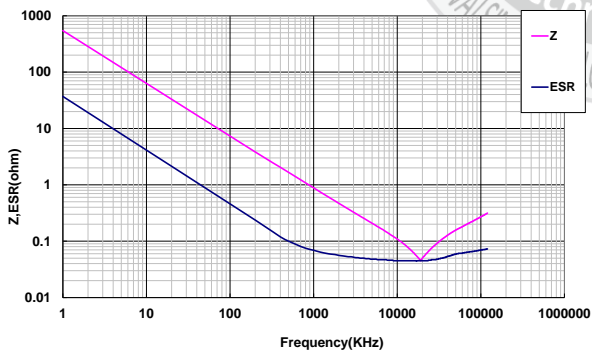
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	0.33 (±10%)
DF	≤15%
IR [G-ohm]	≥0.15

3. Impedance/ESR-Frequency

(Equipment: 4990A)



5. Temperature Rise – Ripple Current

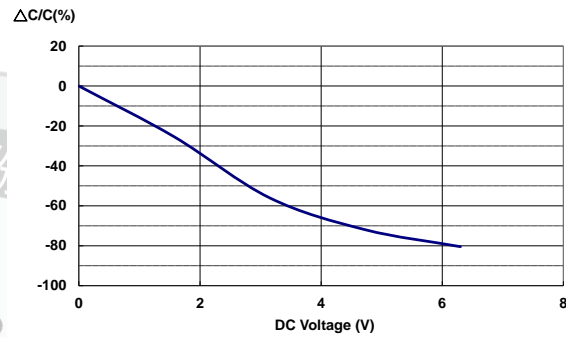
(Equipment: 11810)

Over the measure limit.

6. Capacitance – DC Voltage Characteristics

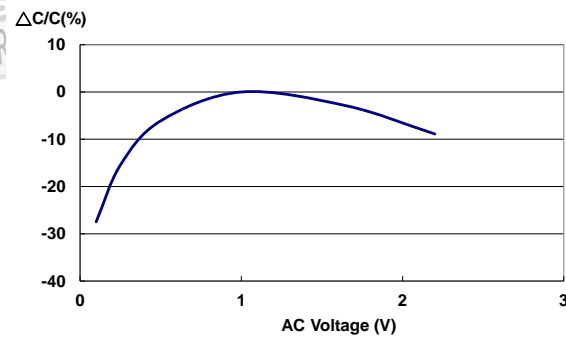
(Equipment: 4980A; DC charge 60±5sec)

3.15V : -56% ; 6.3V : -80.46%



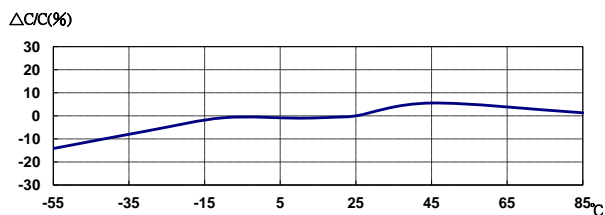
7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2020/09/08