

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 X5R 2.2uF 6.3 V (0201X225M6R3CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0201 (0603)	0.6±0.09	0.3±0.09	0.3±0.09

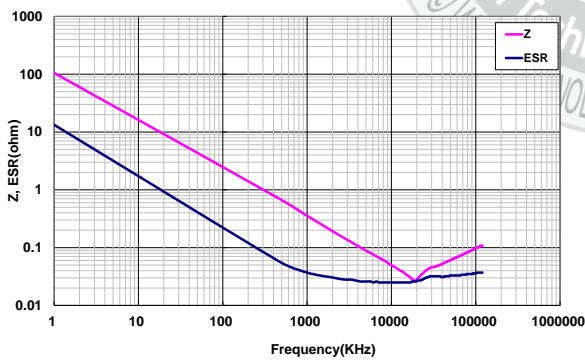
2. Cap, DF, IR @25°C

(Cap, DF @1KHz,0.5Vrms ; IR @6.3V, 120sec)

Item	Spec
Cap [uF]	2.2(±20%)
DF	≤ 15%
IR [G-ohm]	≥ 0.0227

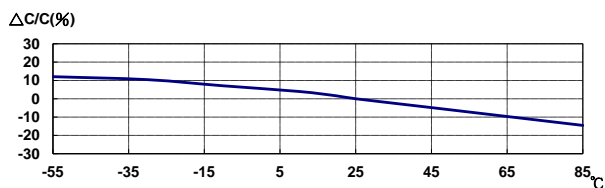
3. Impedance/ESR-Frequency

(Equipment: 4990A)



4. Capacitance – Temperature Characteristics

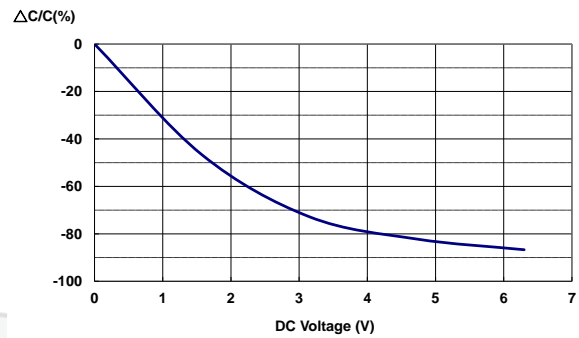
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

3.15V : -72.80% ; 6.3V : -86.70%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

