

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

2220 X7R 1uF 200V(2220B105K201CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
2220 (5750)	5.70±0.40	5.00±0.40	2.00±0.20

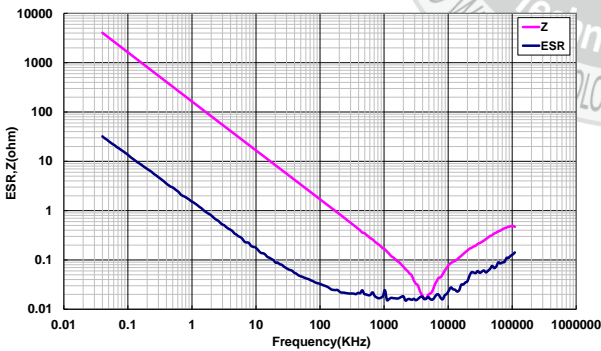
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @200V, 120sec)

Item	Spec
Cap [uF]	1(±10%)
DF	≤ 2.5%
IR [G-ohm]	≥ 0.1

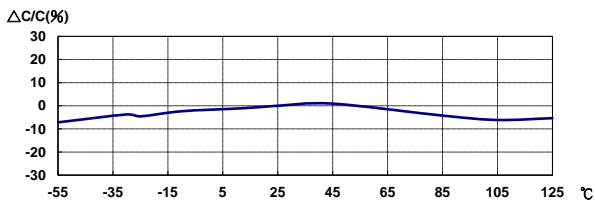
3. Impedance/ESR-Frequency

(Equipment: 4294A)



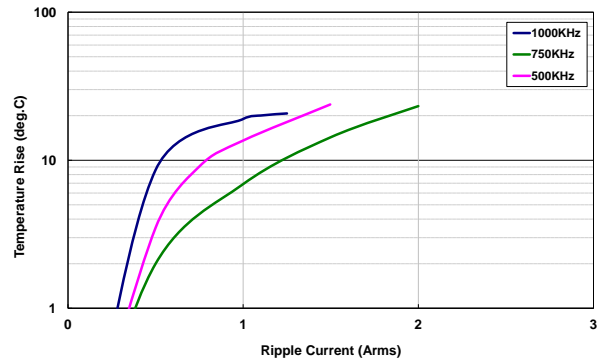
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

(Equipment: 11810)

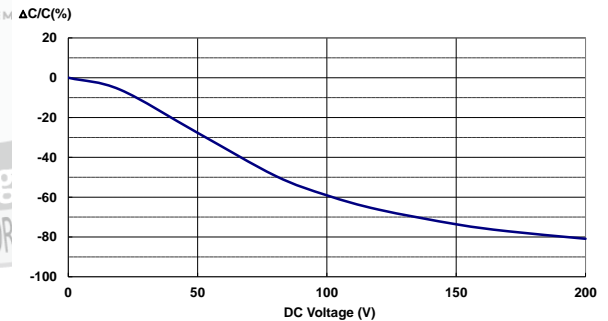


6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A)

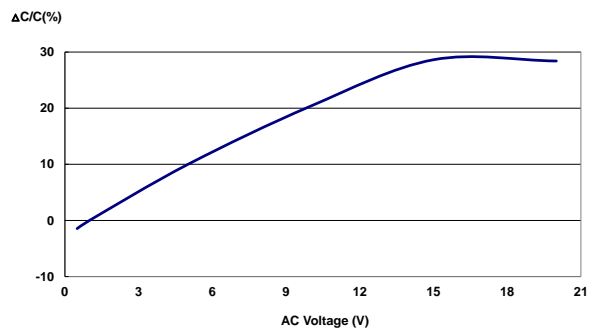
(DC charge 60±5sec)

100V : -59.08% ; 200V : -80.89%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2019/09/03