

Chip Monolithic Ceramic Capacitor

**Electrical Characteristics Data**

**0603 X7R 820pF 50V(0603B821K500CT)**

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0603 (1608)	1.60±0.10	0.80±0.10	0.80±0.07

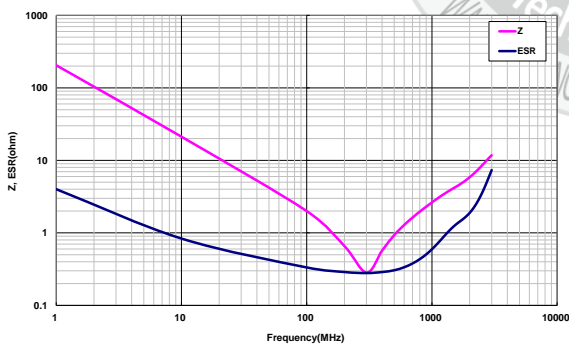
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @50V, 120sec)

Item	Spec
Cap [pF]	820(±10%)
DF	≤ 2.5%
IR [G-ohm]	≥ 10

3. Impedance/ESR-Frequency

(Equipment: 4287A)

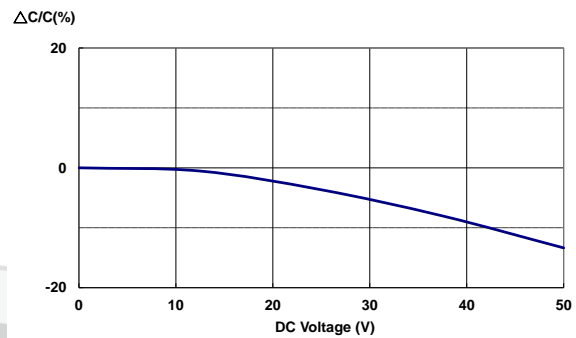


5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A)

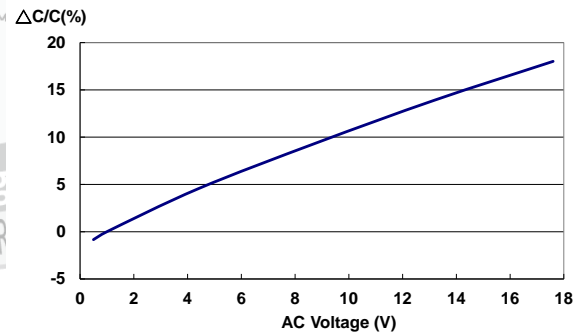
(DC charge 60±5sec)

25V : -3.66% ; 50V : -13.37%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

