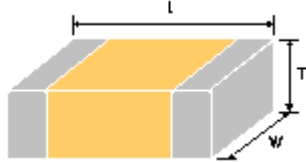


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

1812 X7R 6.8nF 1000V(1812B682K102CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
1812 (4532)	4.50+0.5/-0.3	3.20±0.30	1.25±0.10

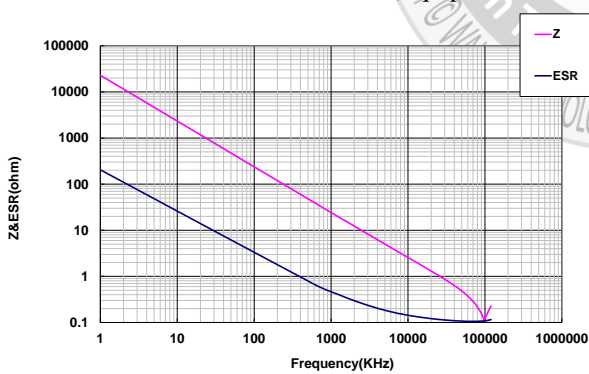
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @500V, 120sec)

Item	Spec
Cap [nF]	6.8(±10%)
DF	≤ 2.5%
IR [G-ohm]	≥ 10

3. Impedance/ESR-Frequency

(Equipment: 4990A)

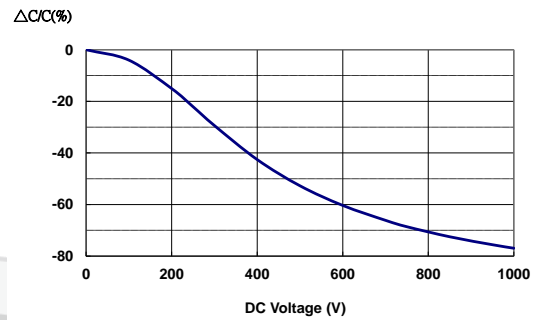


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A);

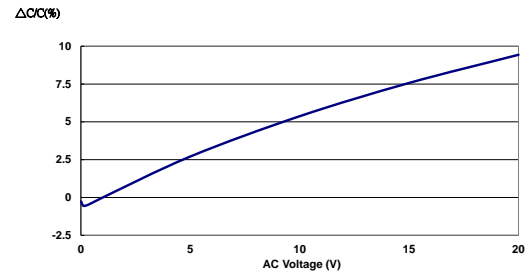
(DC charge 60±5sec)

500V : -52.73% ; 1000V : -76.93%



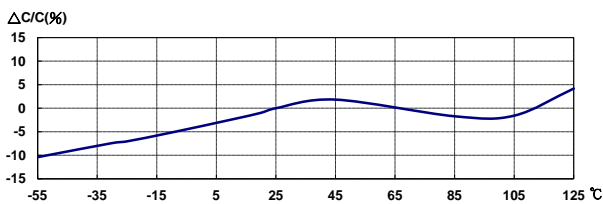
6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4980A)



Last updated : 2020/06/19