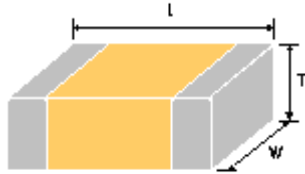


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

X1/Y2, 1808,X7R,680pF, 5000V impluse voltage (S242B681M502CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
1808 (4520)	4.50 +0.5/-0.3	2.00±0.25	2.00±0.20

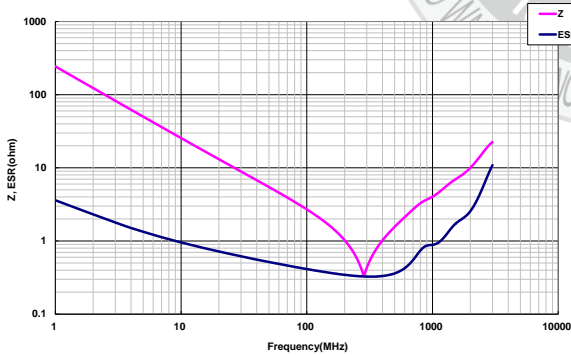
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	680(±20%)
DF	≤ 2.5%
IR [G-ohm]	≥ 10

3. Impedance/ESR-Frequency

(Equipment: 4991B)

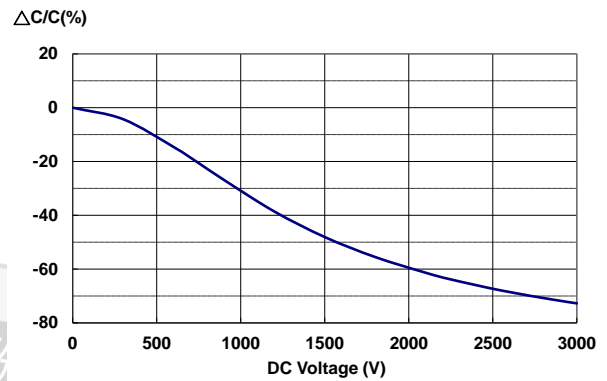


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A)

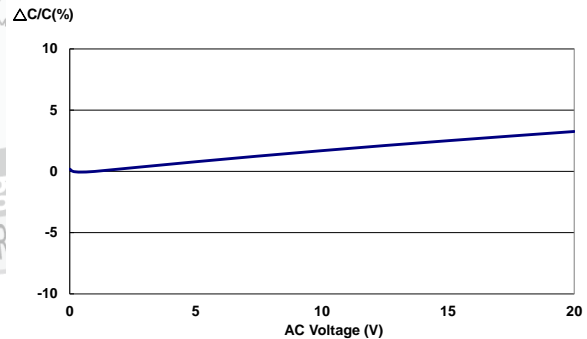
(DC charge 60±5sec)

1500V:-48.08%; 3000V: -72.71%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4980A)

