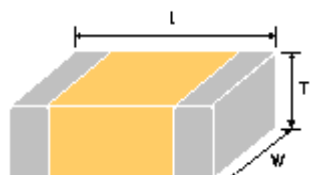


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0603 X7R 68nF 50V(0603B683K500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0603 (1608)	1.60±0.15/-0.10	0.80±0.15/-0.10	0.80±0.15/-0.10

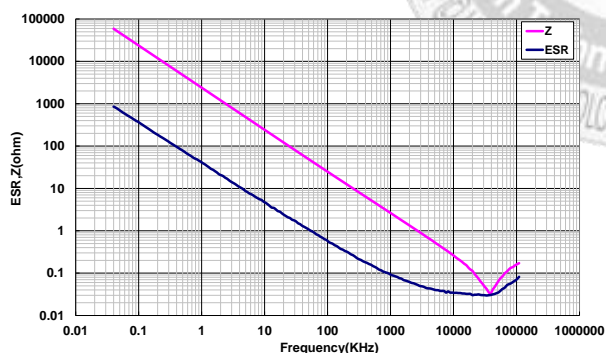
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	68(±10%)
DF	≤ 3%
IR [G-ohm]	≥ 7.35

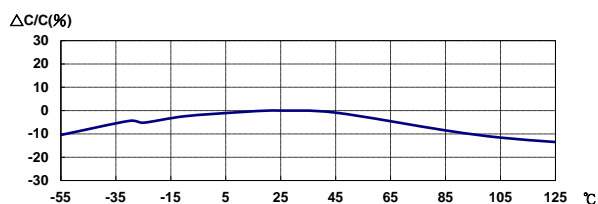
3. Impedance/ESR-Frequency

(Equipment: 4294A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

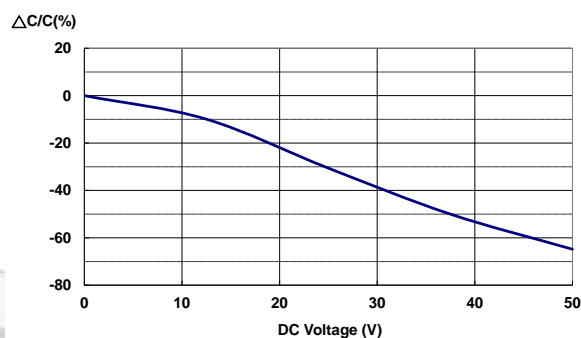


5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A)

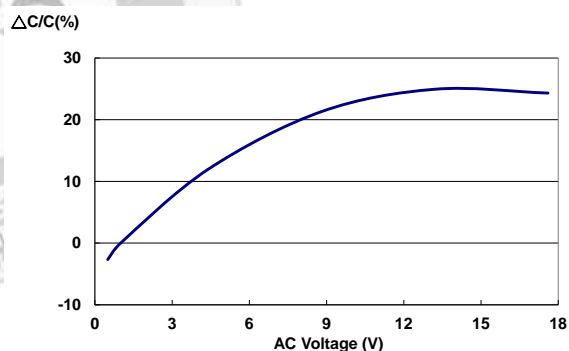
(DC charge 60±5sec)

25V: -30.60%; 50V : -64.80%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



Last updated : 2020/10/22