

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 X5R 68nF 10V (0201X683K100CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0201 (0603)	0.6±0.03	0.3±0.03	0.3±0.03

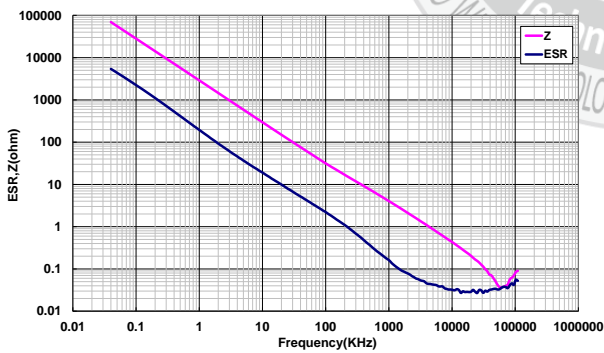
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @10V, 120sec)

Item	Spec
Cap [nF]	68 (±10%)
DF	≤ 10%
IR [G-ohm]	≥ 1.47

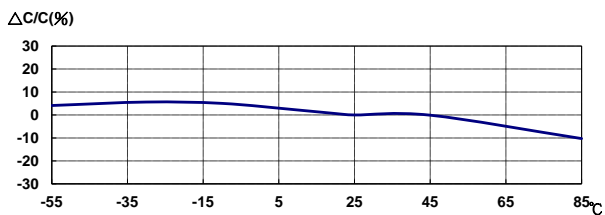
3. Impedance/ESR-Frequency

(Equipment: 4294A)



4. Capacitance – Temperature Characteristics

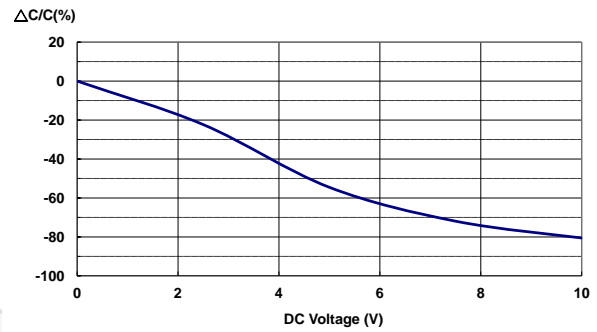
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

5V : -54.54% ; 10V : -80.55%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

