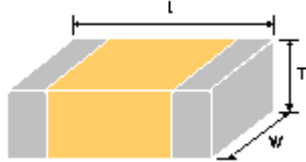


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 X5R 6.8nF 10 V (0201X682K100CT)

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

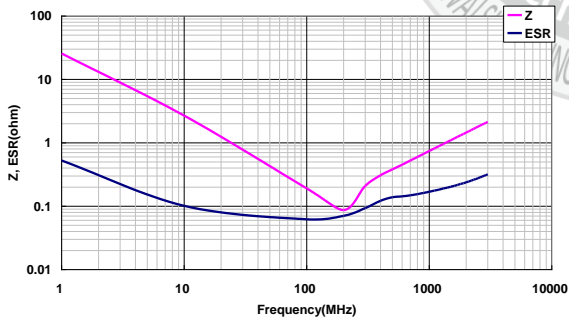
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	6.8(±10%)
DF	≤ 5%
IR [G-ohm]	≥ 10

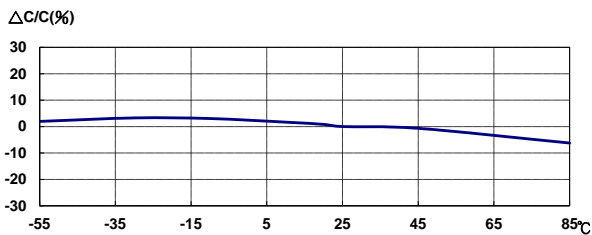
3. Impedance/ESR-Frequency

(Equipment: 4287A)



4. Capacitance – Temperature Characteristics

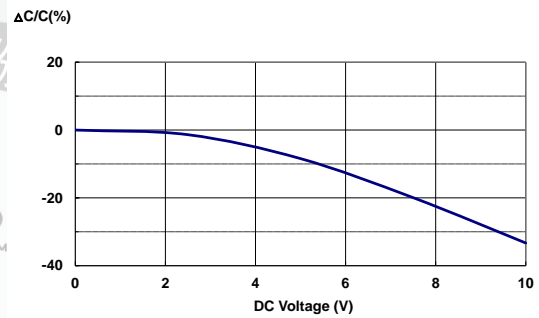
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

5V : -8.41% ; 10V : -33.30%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A; AC charge 60±5sec)

