

Electrical Characteristics Data

0201 X5R 1.0nF 50V (0201X102K500CT)

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

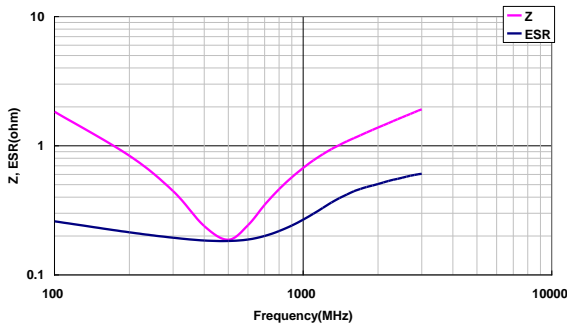
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	1.0(±10%)
DF	≤3%
IR [G-ohm]	>10 min

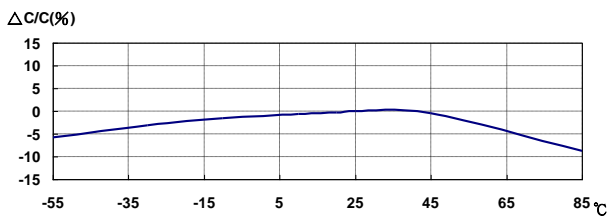
3. Impedance/ESR-Frequency

(Equipment: 4287A)



4. Capacitance – Temperature Characteristics

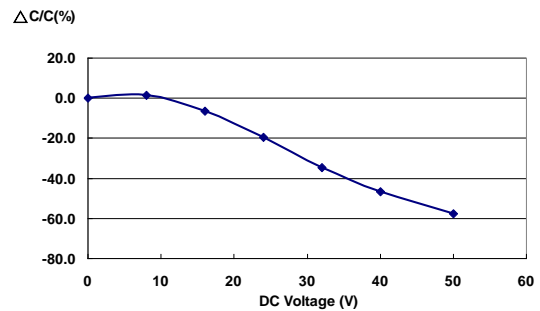
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

24V : -19.46% ; 50V : -57.63%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A; AC charge 60±5sec)

