

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 X7R 100pF 50V(0201B101M500CT)

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

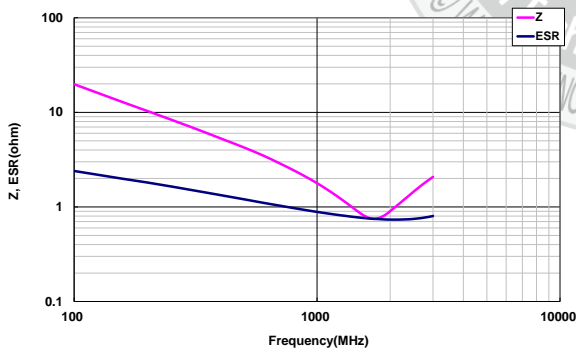
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	100(±20%)
DF	≦ 3%
IR [G-ohm]	≧ 10

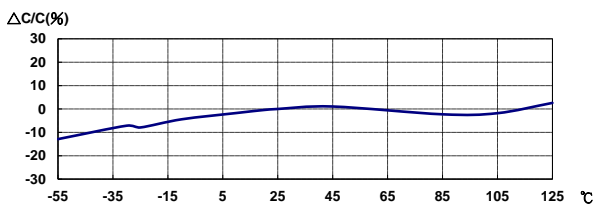
3. Impedance/ESR-Frequency

(Equipment: 4287A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

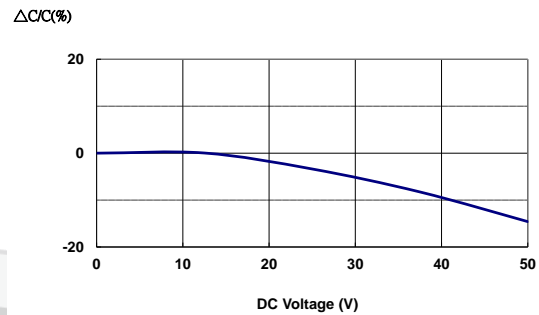


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+N1259A+B1505A)

(DC charge 60±5sec)

25V : -3.37% ; 50V : -14.59%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

