

Electrical Characteristics Data

0805 X7R 10nF 50V(0805B103K500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0805 (2012)	2.00±0.15	1.25±0.10	0.80±0.10

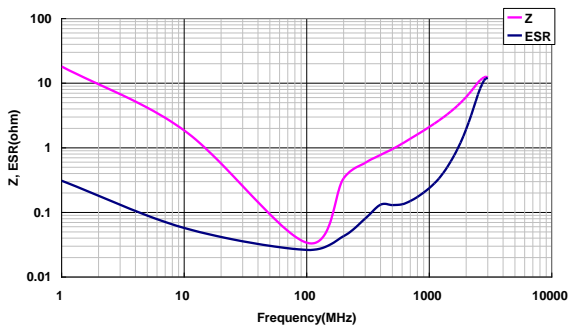
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	10(±10%)
DF	≤ 2.5%
IR [G-ohm]	> 10min

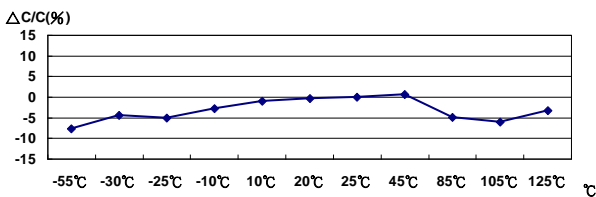
3. Impedance/ESR-Frequency

(Equipment: 4287A)



4. Capacitance – Temperature Characteristics

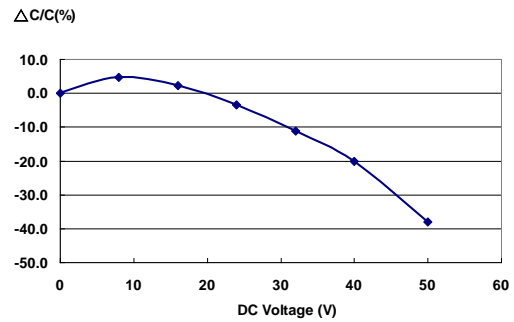
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

24V : -3.42% ; 50V : -38.10%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A; AC charge 60±5sec)

