

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

1206 X7R 0.1uF 50V(1206B104K500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
1206(3216)	3.2±0.15	1.60±0.15	0.8±0.10

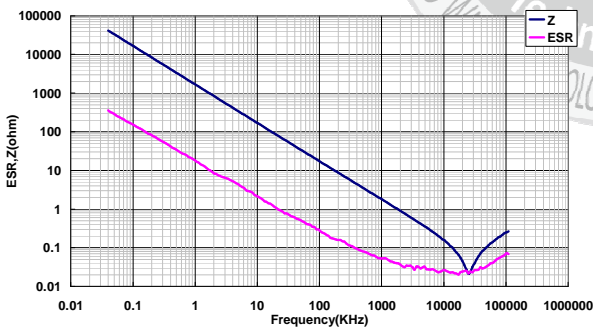
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	0.1 (±10%)
DF	≤ 2.5%
IR [G-ohm]	>5

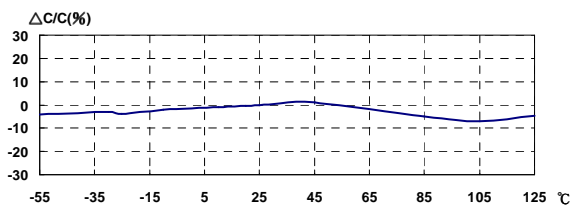
3. Impedance/ESR-Frequency

(Equipment: 4294A)



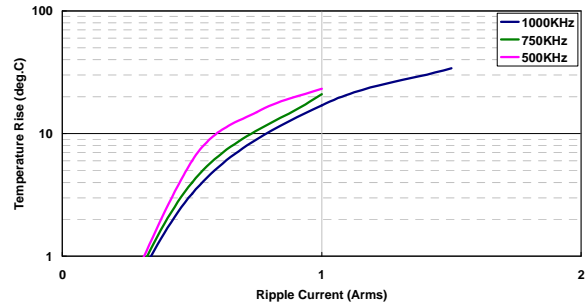
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

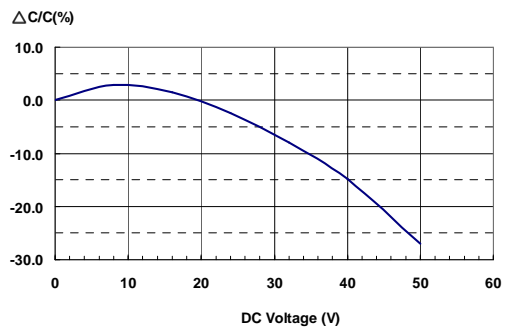
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

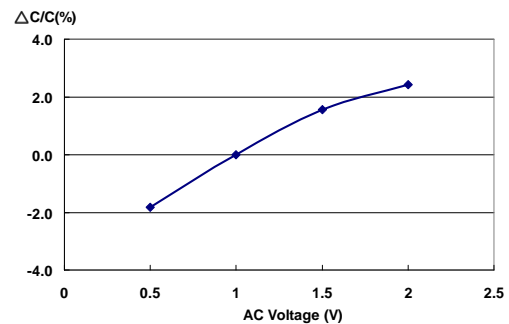
(Equipment: 4284A; DC charge 60±5sec)

24V : -2.37% ; 50V : -27.07%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2017/10/26