

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0805 X7R 0.1uF 50V(0805B104K500CT)

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

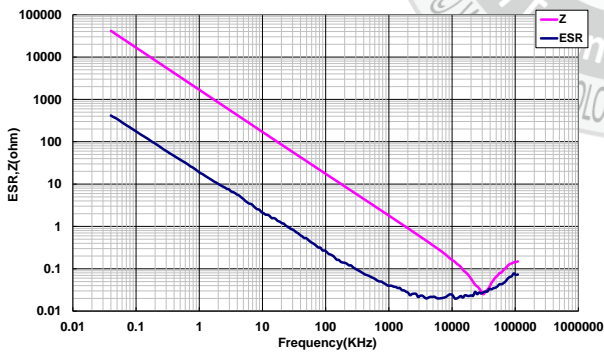
2. Cap, DF, IR @25°C

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

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

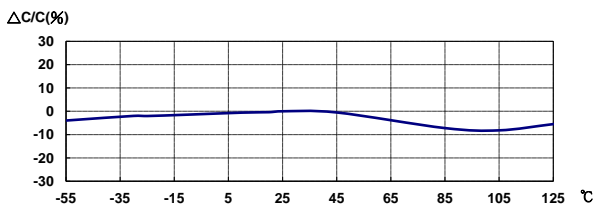
3. Impedance/ESR-Frequency

(Equipment: 4294A)



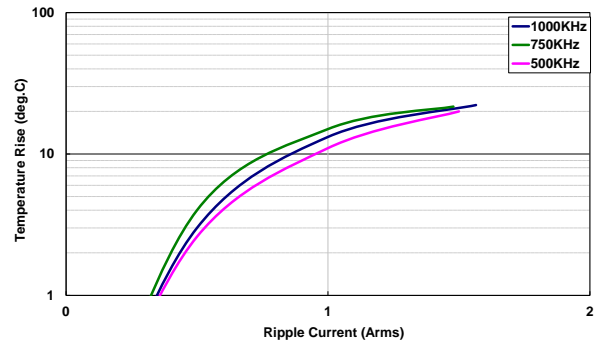
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

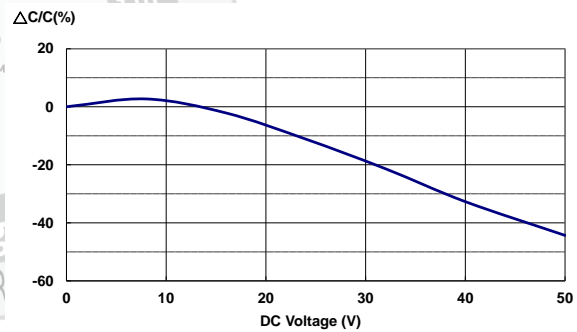
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

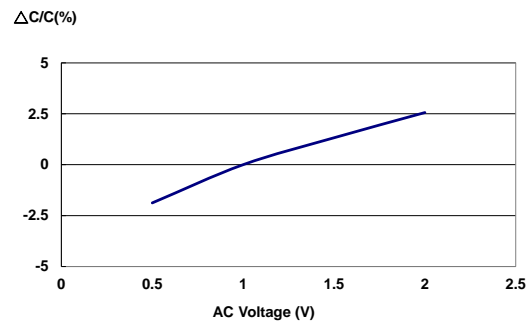
(Equipment: 4284A; DC charge 60±5sec)

25V : -11.14% ; 50V : -44.33%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2018/08/14