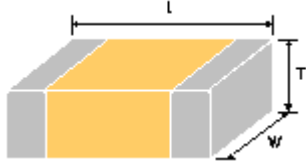


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0805 Y5V 10 nF 50V (0805F103Z500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0805 (2012)	2.00±0.15	1.25±0.10	0.60±0.10

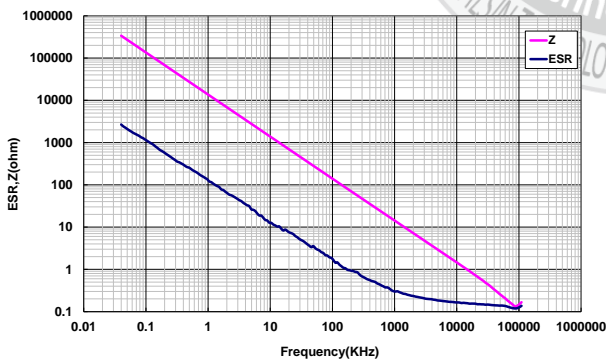
2. Cap, DF, IR @ 25°C

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

Item	Spec
Cap [nF]	10(-20/+80%)
DF	≤ 5%
IR [G-ohm]	10

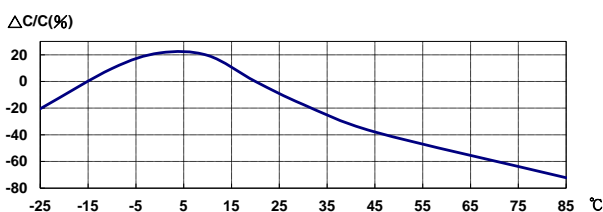
3. Impedance/ESR-Frequency

(Equipment: 4294A)



4. Capacitance – Temperature Characteristics

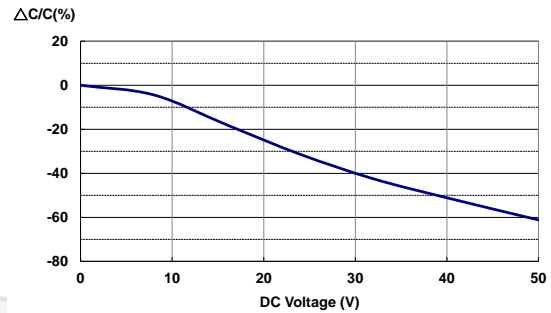
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

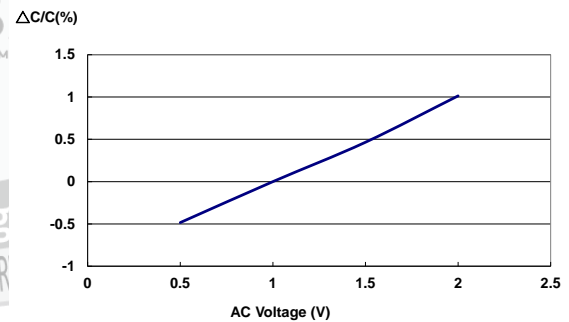
(Equipment: 4284A; DC charge 60±5sec)

25V : -32.78% ; 50V : -61.16%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2019/03/18