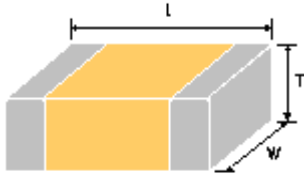


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0805 Y5V 0.1uF 25V(0805F104Z250CT)

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

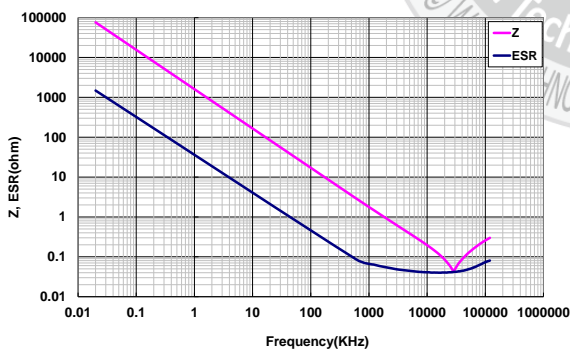
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @25V, 120sec)

Item	Spec
Cap [uF]	0.1 (-20/+80%)
DF	≤ 5%
IR [G-ohm]	≥ 5

3. Impedance/ESR-Frequency

(Equipment: 4990A)



5. Temperature Rise – Ripple Current

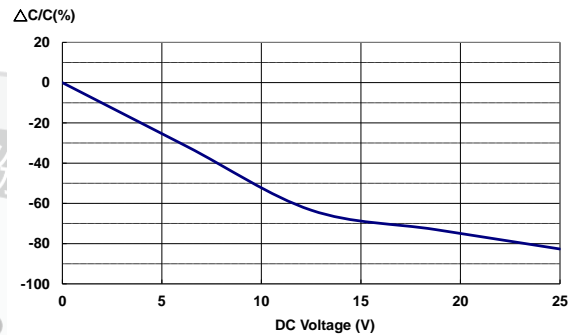
(Equipment: 11810)

Over the measure limit.

6. Capacitance – DC Voltage Characteristics

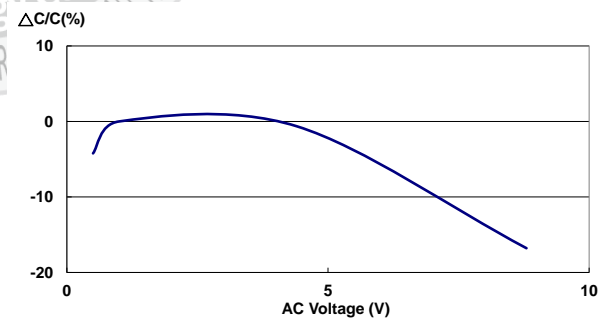
(Equipment: 4980A;DC charge 60±5sec)

12.5V : -63.36% ; 25V : -82.67%



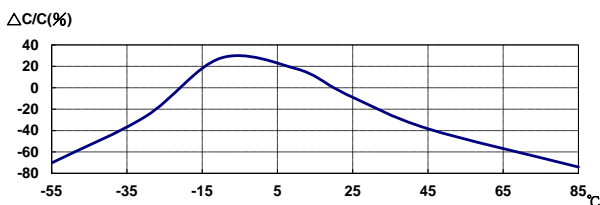
7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2021/06/03