

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0805 Y5V 0.1uF 50V(0805F104Z500CT)

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

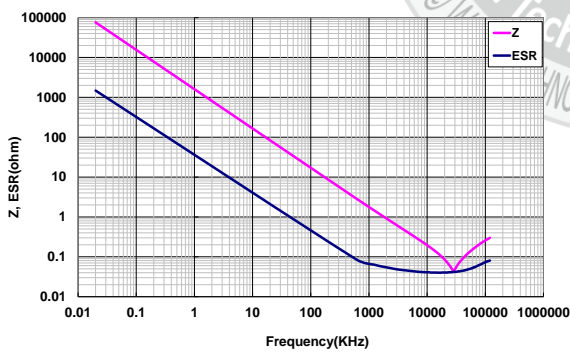
2. Cap, DF, IR @25°C

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

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

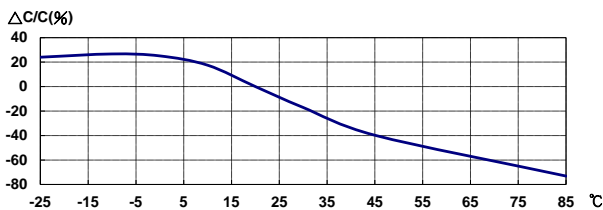
3. Impedance/ESR-Frequency

(Equipment: 4990A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

(Equipment: 11810)

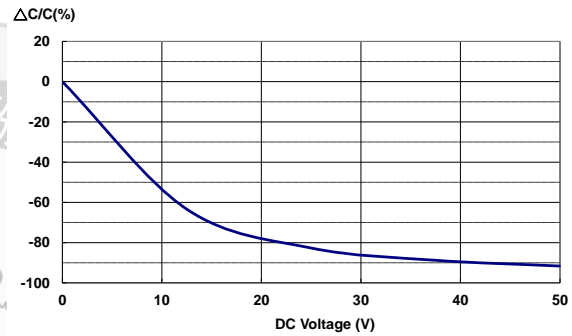
Over the measure limit.

6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A)

(DC charge 60±5sec)

25V : -82.67% ; 50V : -91.63%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

