

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

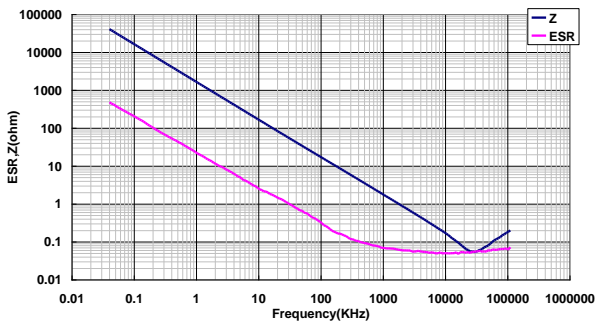
2. Cap, DF, IR @25°C

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

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

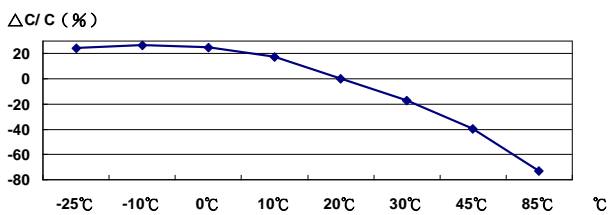
3. Impedance/ESR-Frequency

(Equipment: 4294A)



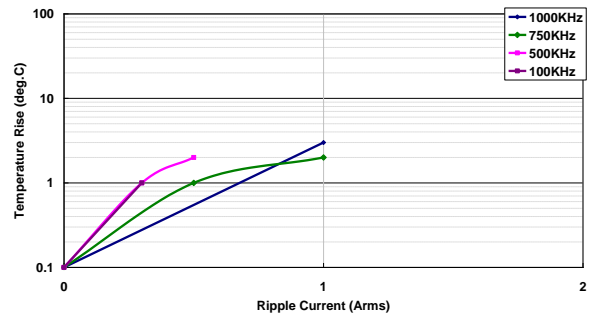
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

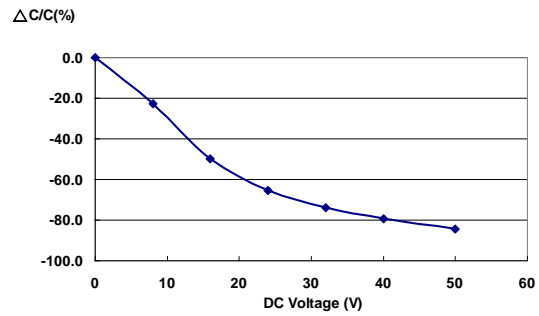
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

24V : -65.27% ; 50V : -84.50%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A; AC charge 60±5sec)

