

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0805 X7R 0.47uF 50V(0805B474K500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0805 (2012)	2.00±0.20	1.25±0.20	1.25±0.20

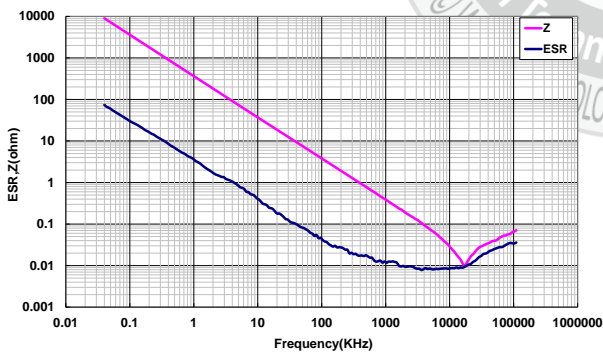
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	0.47 (±10%)
DF	≤ 3%
IR [G-ohm]	≥ 1.06

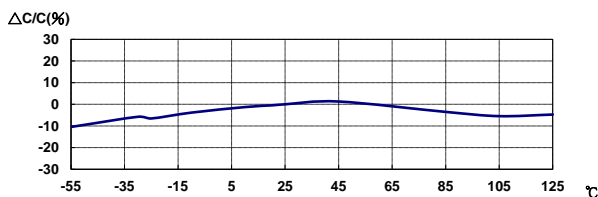
3. Impedance/ESR-Frequency

(Equipment: 4294A)



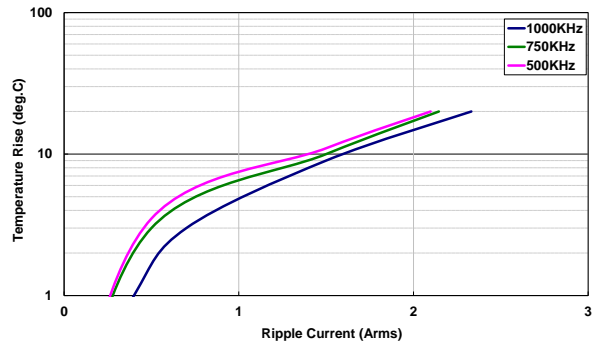
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

(Equipment: 11810)

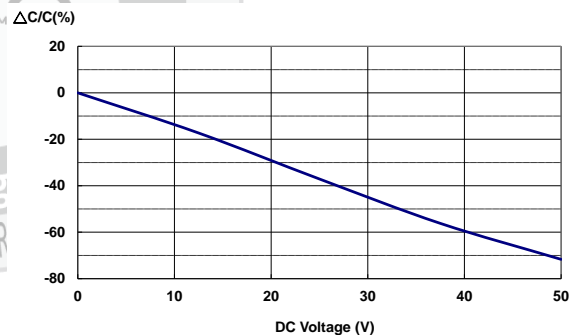


6. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A)

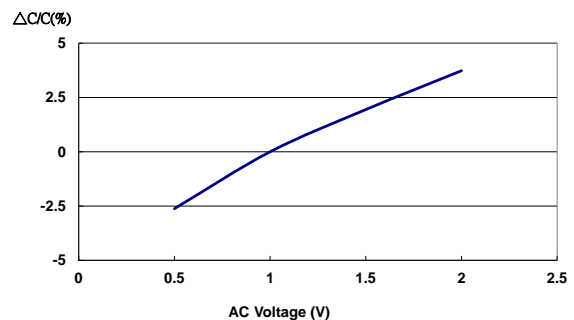
(DC charge 60±5sec)

25V : -37.10% ; 50V : -71.70%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2019/05/16