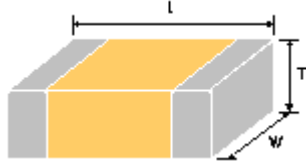


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0805 Y5V 0.47uF 50V (0805F474Z500CT)

#### 1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0805 (2012)	2.00±0.15	1.25±0.10	0.80±0.10

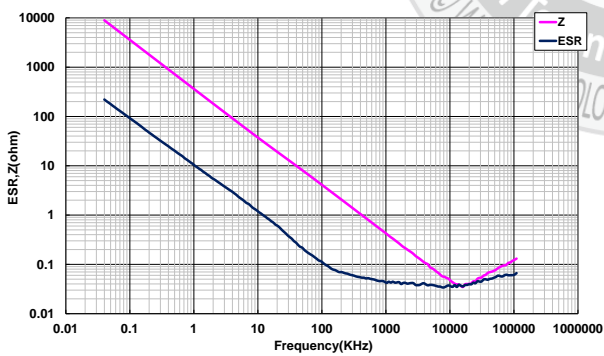
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	0.47(-20/+80%)
DF	≤ 7%
IR [G-ohm]	≥ 1.06

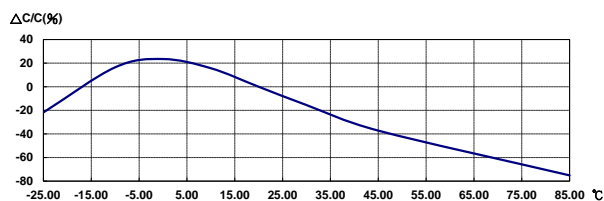
#### 3. Impedance/ESR-Frequency

(Equipment: 4294A)



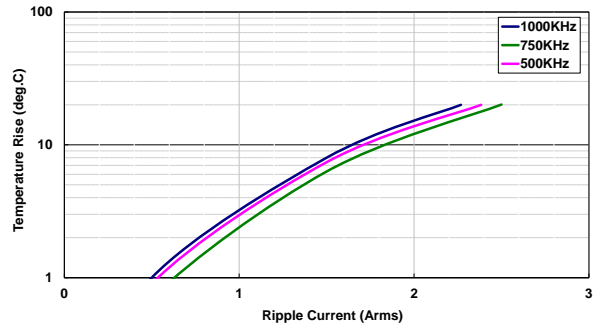
#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



#### 5. Temperature Rise – Ripple Current

(Equipment: 11810)

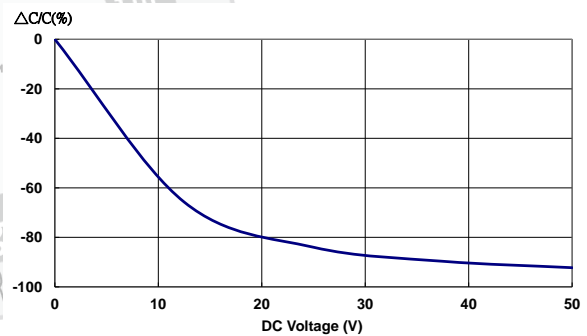


#### 6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A)

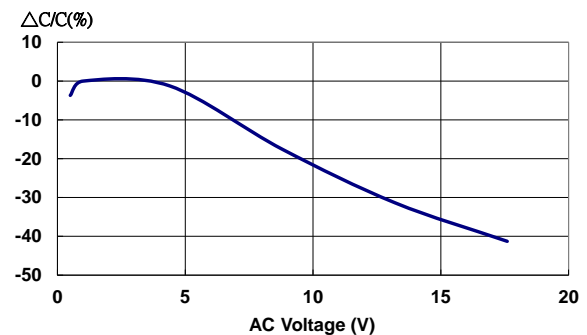
(DC charge 60±5sec)

25V : -84% ; 50V : -92.25%



#### 7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



Last updated : 2021/10/06