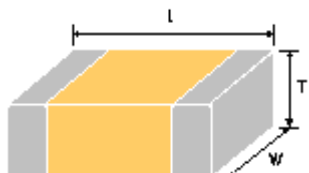


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0805 X7R 6.8nF 50V(0805B682K500CT)

#### 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

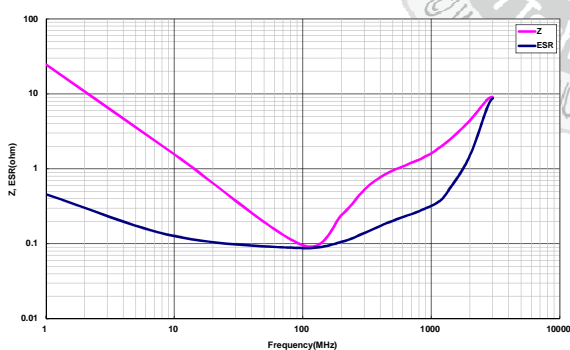
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	6.8(±10%)
DF	≤2.5%
IR [G-ohm]	> 10

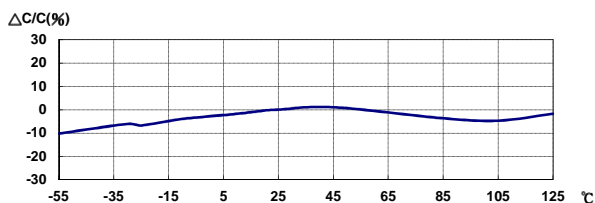
#### 3. Impedance/ESR-Frequency

(Equipment: 4287A)



#### 4. Capacitance – Temperature Characteristics

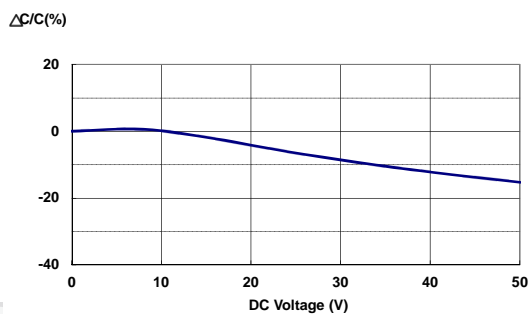
(Equipment: 4284A)



#### 5. Capacitance – DC Voltage Characteristics

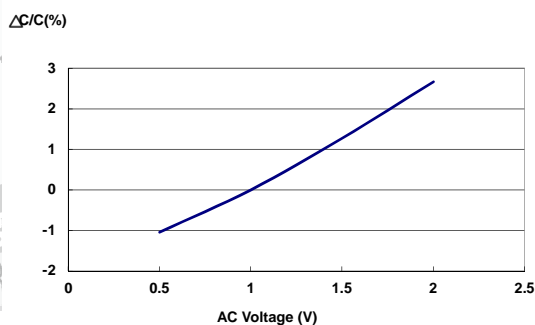
(Equipment: 4284A; DC charge 60±5sec)

25V : -6.09% ; 50V : -15.32%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2018/07/27