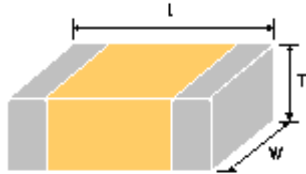


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 1812 X7R 2.2uF 100V(1812B225K101CT)

#### 1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
1812(4532)	4.5±0.40	3.20±0.40	2.50±0.30

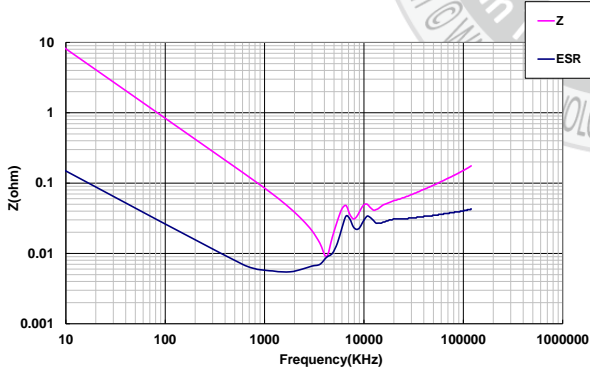
#### 2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @100V, 120sec)

Item	Spec
Cap [uF]	2.2 (±10%)
DF	≤ 2.5%
IR [G-ohm]	≥ 45.45

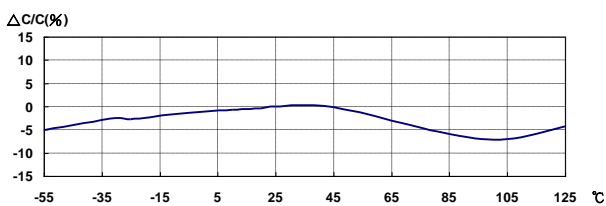
#### 3. Impedance/ESR-Frequency

(Equipment: 4990A)



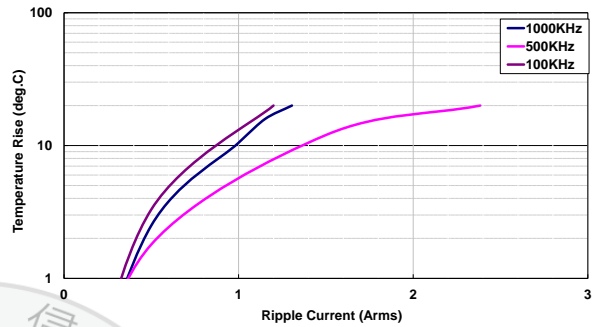
#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



#### 5. Temperature Rise – Ripple Current

(Equipment: 11810)

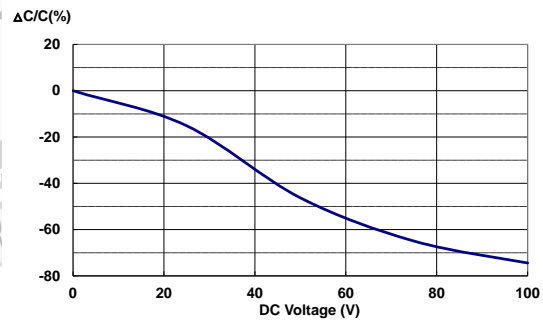


#### 6. Capacitance – DC Voltage Characteristics

(Equipment: 4980+B1505+N1259)

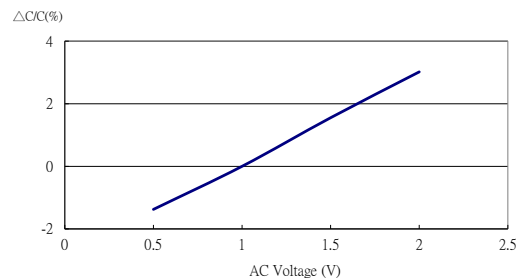
(DC charge 60±5sec)

50V : -46.26% ; 100V : -74.41%



#### 7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2020/07/09