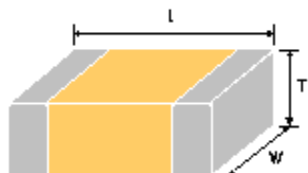


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 1210 X7R 100nF 500V(1210B104K501CT)

#### 1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
1210 (3225)	3.20±0.40	2.50±0.30	2.00±0.20

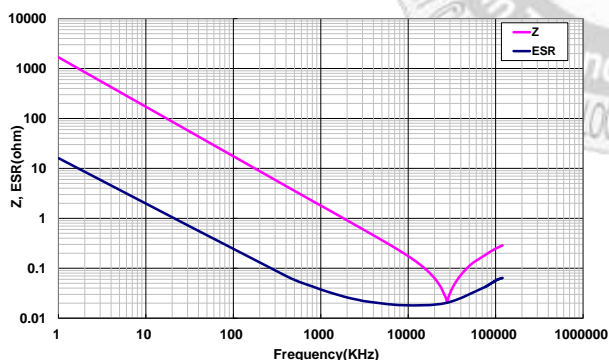
#### 2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @500V, 120sec)

Item	Spec
Cap [nF]	100 (±10%)
DF	≤ 2.5%
IR [G-ohm]	≥ 1.00

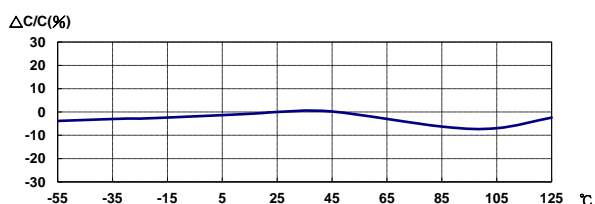
#### 3. Impedance/ESR-Frequency

(Equipment: 4990A)



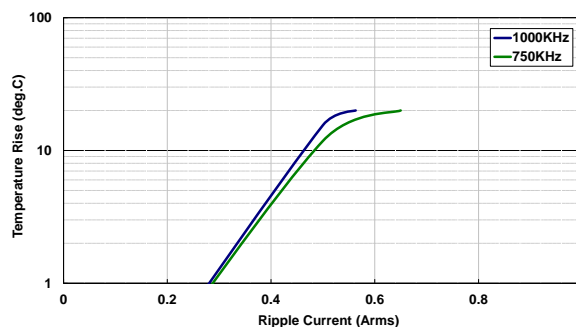
#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



#### 5. Temperature Rise – Ripple Current

(Equipment: 11810)

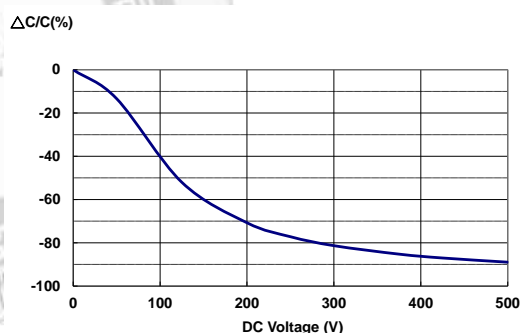


#### 6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A)

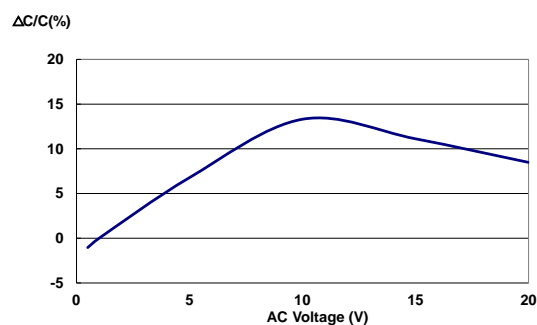
(DC charge 60±5sec)

250V : -77.18% ; 500V : -88.96%



#### 7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



Last updated : 2019/11/25