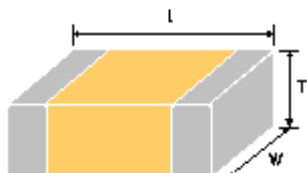


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 1206 X7R 33nF 50V (1206B333K500CT)

#### 1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
1206 (3216)	3.20±0.15	1.60±0.15	0.80±0.10

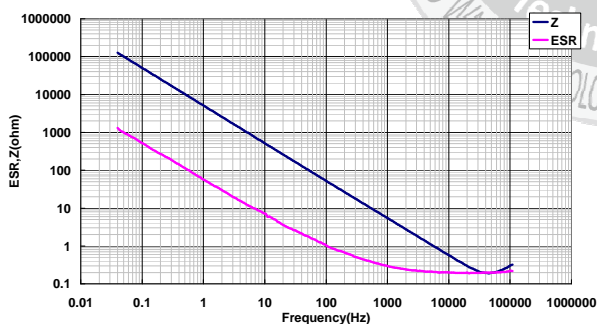
#### 2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @630V, 120sec)

Item	Spec
Cap [nF]	33 (±10%)
DF	≤ 2.5%
IR [G-ohm]	>3.03

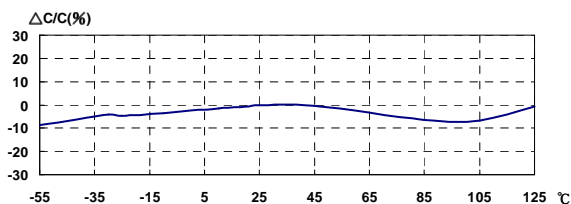
#### 3. Impedance/ESR-Frequency

(Equipment: 4294A)



#### 4. Capacitance – Temperature Characteristics

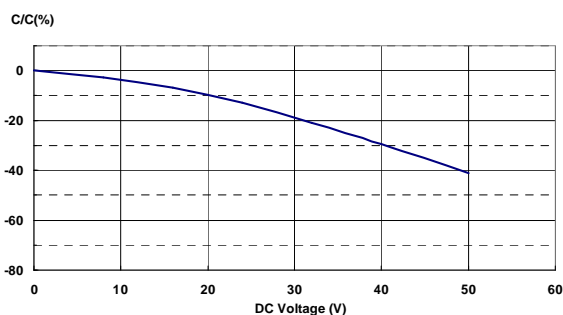
(Equipment: 4284A)



#### 5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

24V : -12.95% ; 50V : -41.19%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

