

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 1206 X7R 1000pF 16V (1206B102K160CT)

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

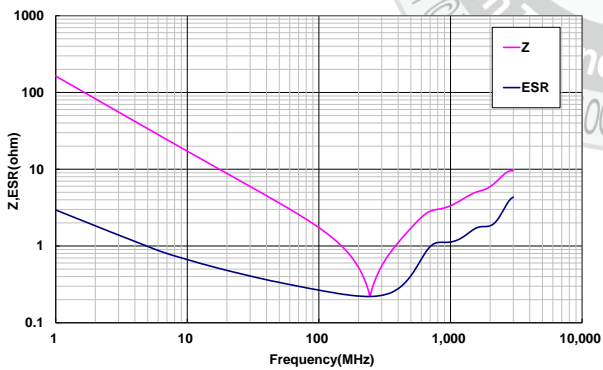
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @16V, 120sec)

Item	Spec
Cap [pF]	1000 (±10%)
DF	≤ 3.5%
IR [G-ohm]	≥ 10

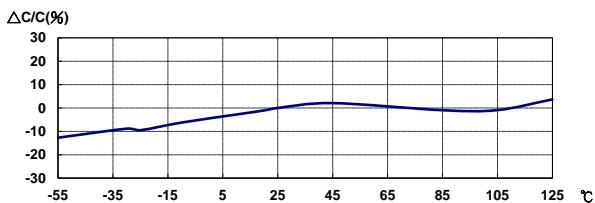
3. Impedance/ESR-Frequency

(Equipment: 4991B)



4. Capacitance – Temperature Characteristics

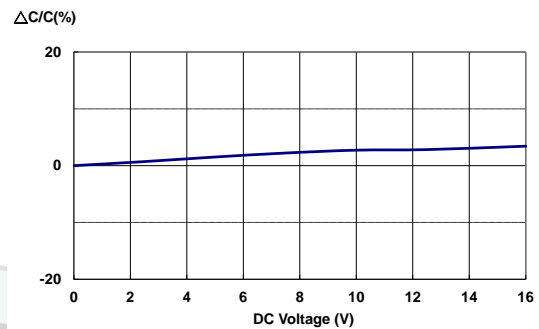
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

8 :2.33% ; 16: 3.43%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

