

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0402 X7R 22nF 16V(0402B223K160CT)

#### 1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0402 (1005)	1.00±0.05	0.50±0.05	0.50±0.05

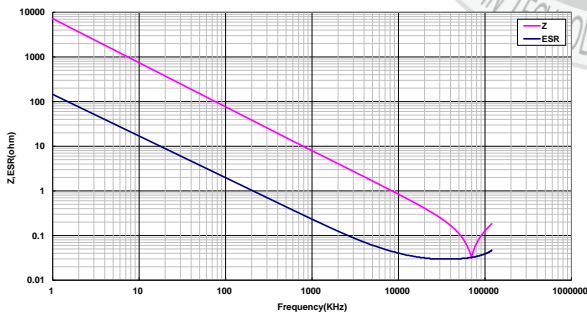
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	22(±10%)
DF	≤ 3.5%
IR [G-ohm]	≥ 10

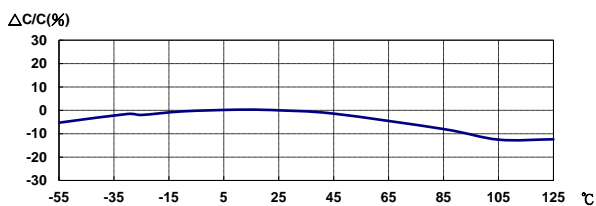
#### 3. Impedance/ESR-Frequency

(Equipment: 4990A)



#### 4. Capacitance – Temperature Characteristics

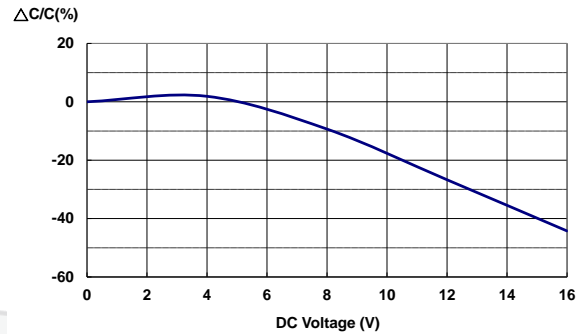
(Equipment: 4284A)



#### 5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

8V : -9.34% ; 16V : -44.24%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

