

## Electrical Characteristics Data

### 0402 X7R 100nF 16V(0402B104K160CT)

#### 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

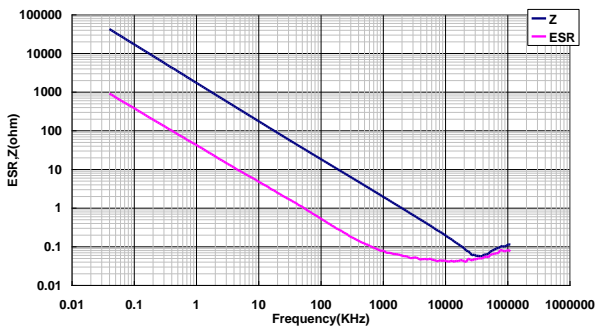
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	100(±10%)
DF	≤5%
IR [G-ohm]	>5 min

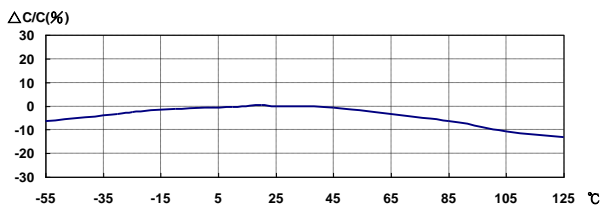
#### 3. Impedance/ESR-Frequency

(Equipment: 4294A)



#### 4. Capacitance – Temperature Characteristics

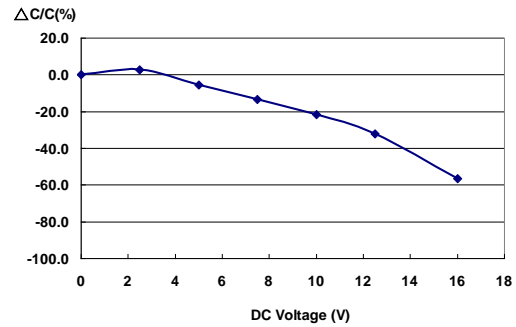
(Equipment: 4284A)



#### 5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

7.5V : -13.43% ; 16V : -56.52%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

