

## Electrical Characteristics Data

### 0402 X5R 0.22 uF 25V (0402X224K250CT)

#### 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

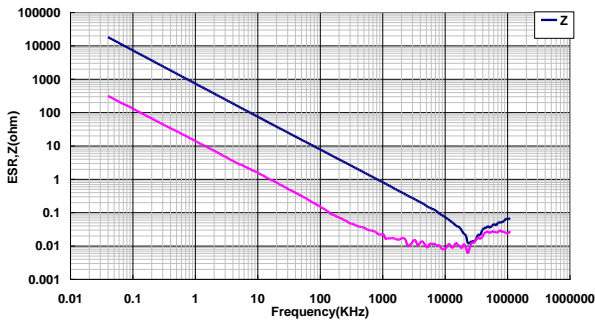
#### 2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @25V, 120sec)

Item	Spec
Cap [uF]	0.22(±10%)
DF	≤10%
IR [G-ohm]	≥3.34 min

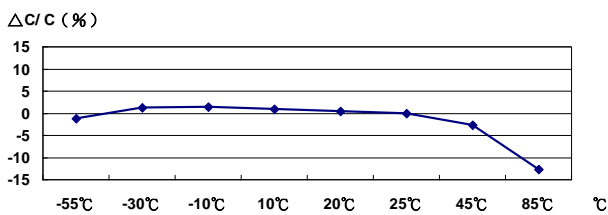
#### 3. Impedance/ESR-Frequency

(Equipment: 4294A)



#### 4. Capacitance – Temperature Characteristics

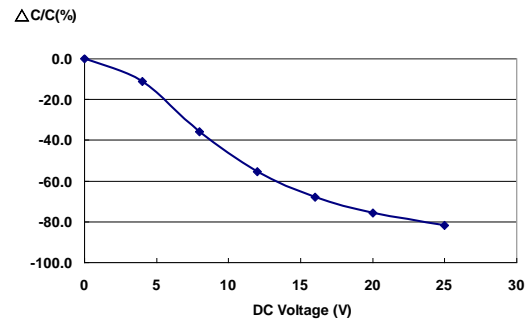
(Equipment: 4284A)



#### 5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

12V : -55.33% ; 25V : -81.71%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A; AC charge 60±5sec)

