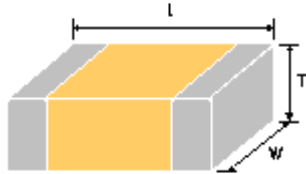


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0402 X7R 2.2nF 10V (0402B222K100CT)

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

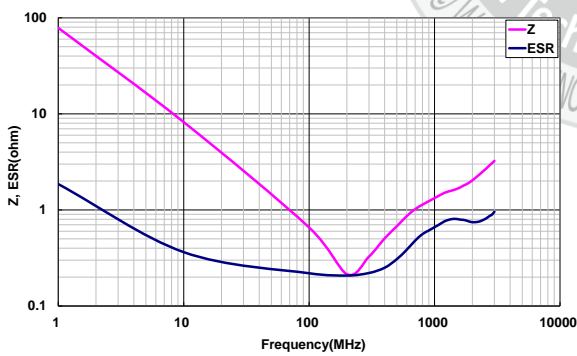
2. Cap, DF, IR @25°C

(Cap, DF @ 1KHz, 1Vrms ; IR @ 10V, 120sec)

Item	Spec
Cap [nF]	2.2(±10%)
DF	≦ 5%
IR [G-ohm]	≧ 10

3. Impedance/ESR-Frequency

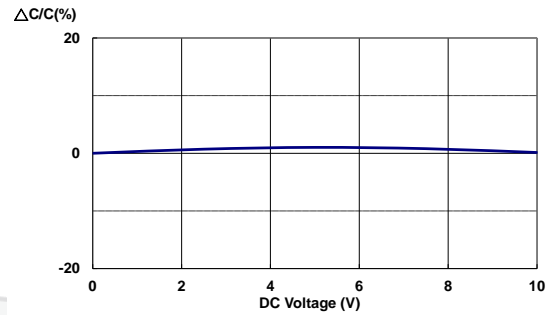
(Equipment: 4287A)



5. Capacitance – DC Voltage Characteristics

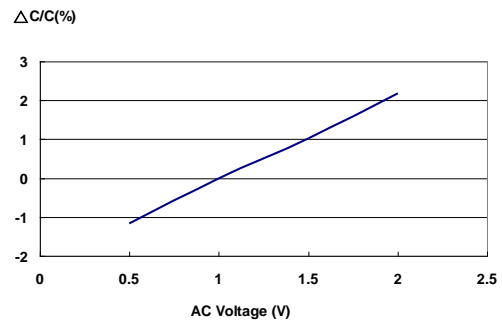
(Equipment: 4980A; DC charge 60±5sec)

5V : 1.02% ; 10V : 0.31%



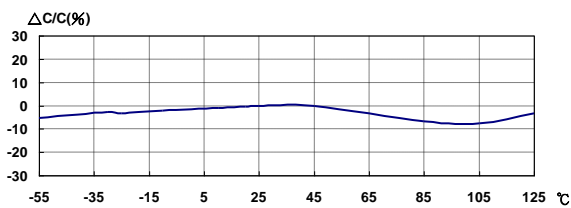
6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2020/03/4