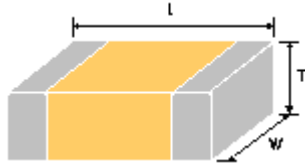


Chip Monolithic Ceramic Capacitor

**Electrical Characteristics Data**

**0402 X5R 0.22 uF 6.3V (0402X224K6R3CT)**

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

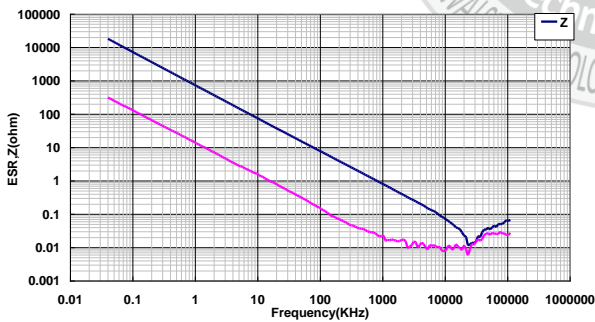
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @6.3V, 120sec)

Item	Spec
Cap [uF]	0.22(±10%)
DF	≤10%
IR [G-ohm]	≥0.455

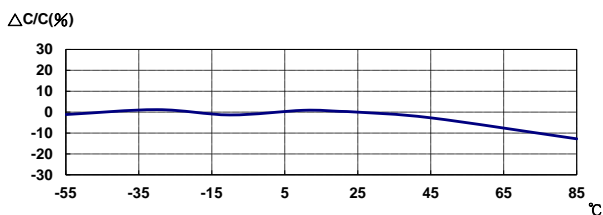
3. Impedance/ESR-Frequency

(Equipment: 4294A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

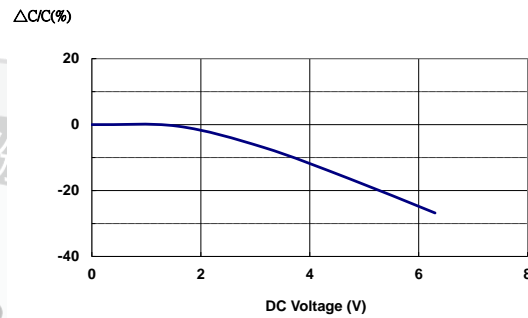
(Equipment: 11810)

**Over the measure limit.**

6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

3.15V : -6.9% ; 6.3V : -26.80%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

