

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 X5R 0.22 uF 10V (0402X224K100CT)

1. Dimension



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

5. Temperature Rise – Ripple Current

(Equipment: 11810)

Over the measure limit.

6. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

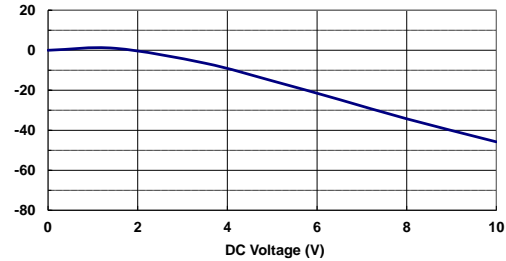
5V : -15.28% ; 10V : -45.79%

2. Cap, DF, IR @25°C

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

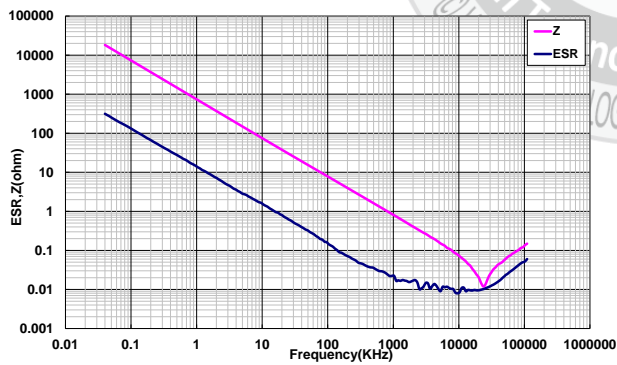
Item	Spec
Cap [uF]	0.22(±10%)
DF	≤5%
IR [G-ohm]	2.27

ΔC/C(%)



3. Impedance/ESR-Frequency

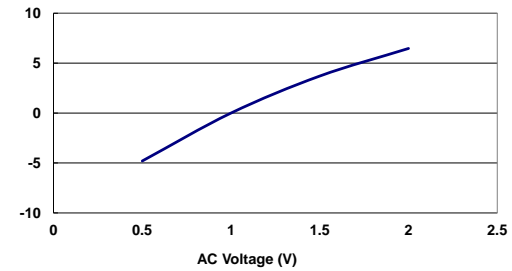
(Equipment: 4294A)



7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

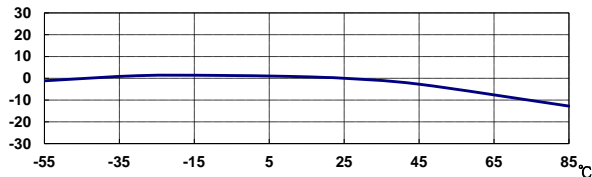
ΔC/C(%)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

ΔC/C(%)



Last updated : 2018/07/17