

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0402 X5R 0.1 uF 16V (0402X104K160CT)

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

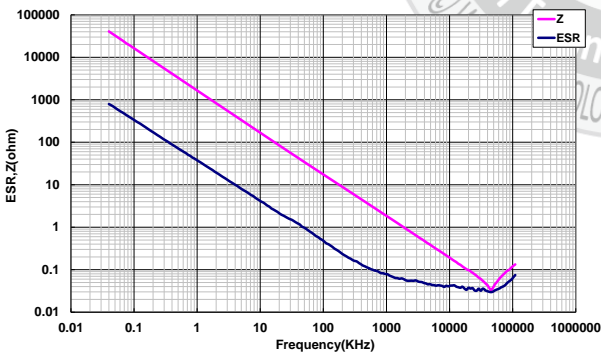
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	0.1(±10%)
DF	≤5%
IR [G-ohm]	5

3. Impedance/ESR-Frequency

(Equipment: 4294A)



5. Temperature Rise – Ripple Current

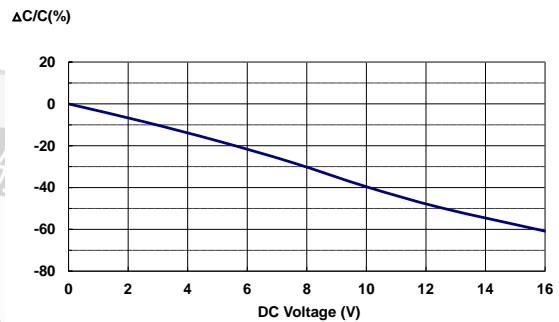
(Equipment: 11810)

Over the measure limit.

6. Capacitance – DC Voltage Characteristics

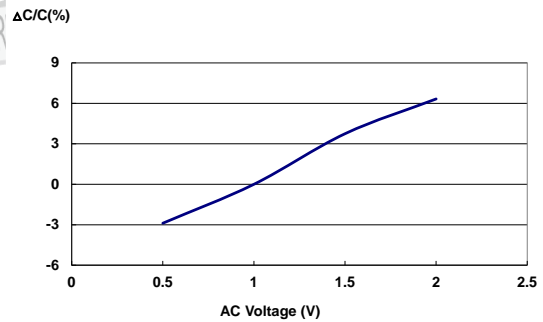
(Equipment: 4284A; DC charge 60±5sec)

8V : -27.97% ; 16V : -60.85%



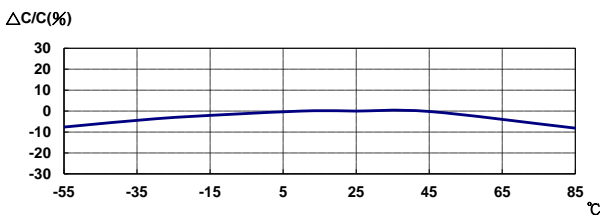
7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2018/07/17