

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 X7R 100nF 16V(0402B104K160CT)

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

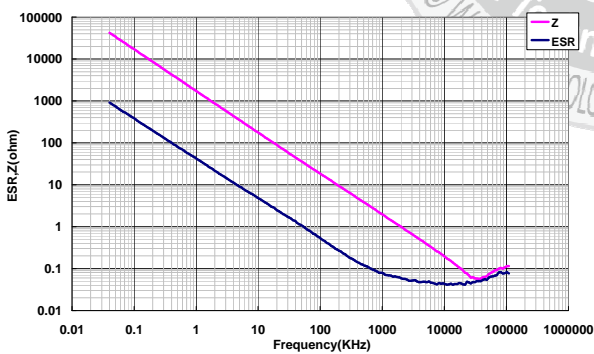
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	100(±10%)
DF	≤ 5%
IR [G-ohm]	>5

3. Impedance/ESR-Frequency

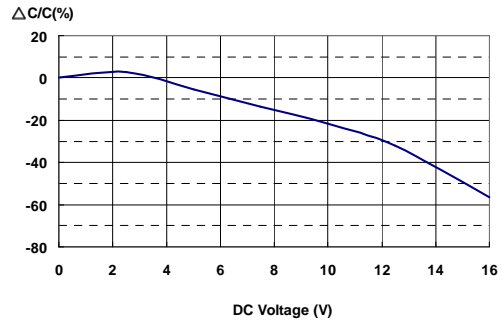
(Equipment: 4294A)



5. Capacitance – DC Voltage Characteristics

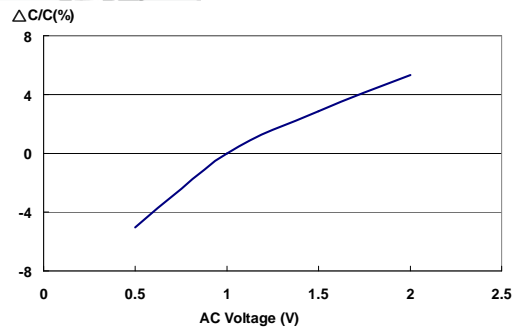
(Equipment: 4284A; DC charge 60±5sec)

8V : -13.43% ; 16V : -56.52%



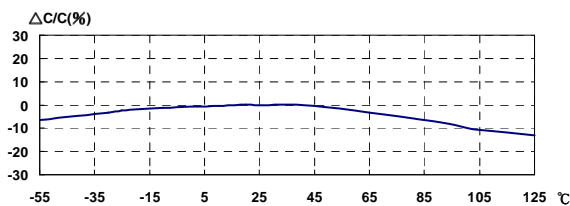
6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2018/06/12