

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0402 X7R 47nF 16V(0402B473K160CT)

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

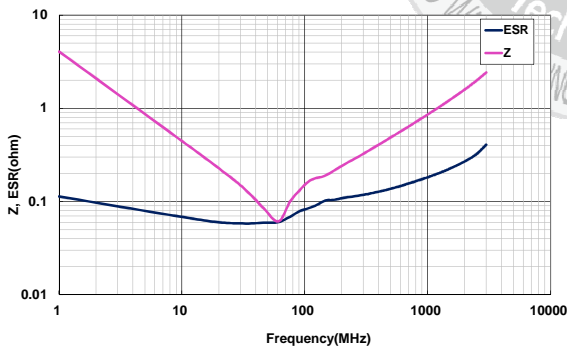
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	47(±10%)
DF	≤ 5%
IR [G-ohm]	≥ 10

3. Impedance/ESR-Frequency

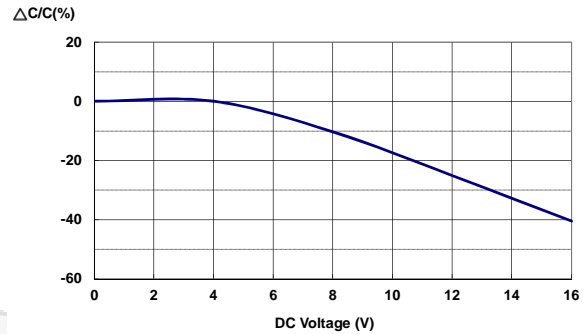
(Equipment: 4990A)



5. Capacitance – DC Voltage Characteristics

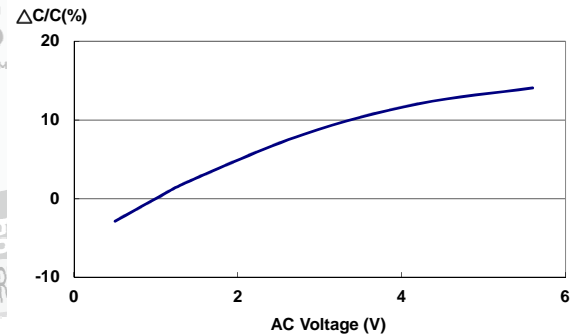
(Equipment: E4980A; DC charge 60±5sec)

8V : -10.34% ; 16V : -40.53%



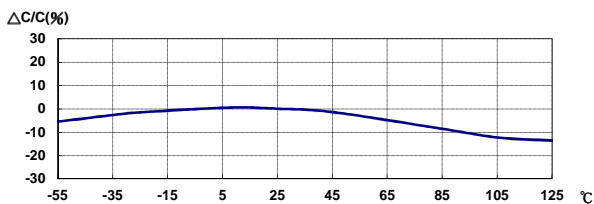
6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2019/10/23