

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 X7R 47nF 50V(0402B473K500CT)

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

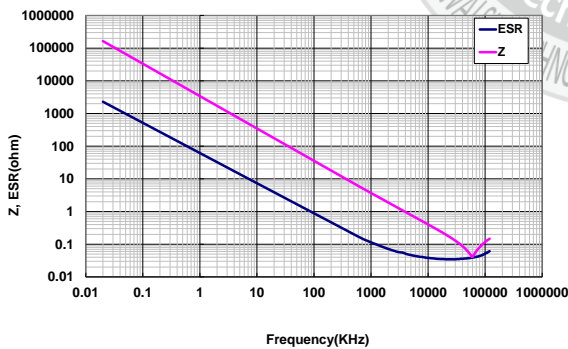
2. Cap, DF, IR @25°C

(Cap, DF @ 1KHz, 1Vrms ; IR @ 50V, 120sec)

Item	Spec
Cap [nF]	47(±10%)
DF	≤ 10%
IR [G-ohm]	≥ 2.13

3. Impedance/ESR-Frequency

(Equipment: 4990A)

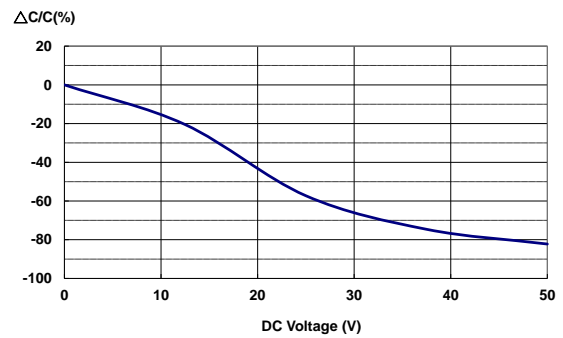


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A)

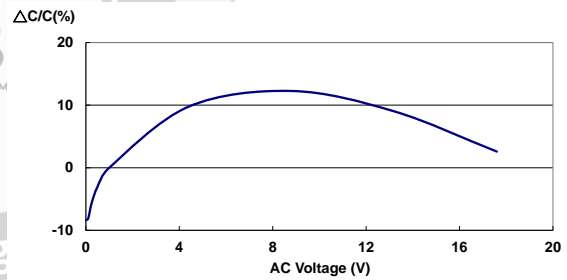
(DC charge 60±5sec)

25V: -57.28% ; 50V:-82.23%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

