

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 X5R 0.47 uF 50V (0402X474K500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0402 (1005)	1.00±0.20	0.50±0.20	0.50±0.20

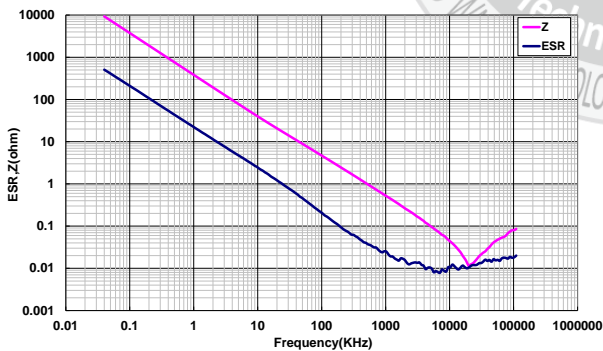
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	0.47(±10%)
DF	≤ 10%
IR [G-ohm]	≥ 0.106

3. Impedance/ESR-Frequency

(Equipment: 4294A)

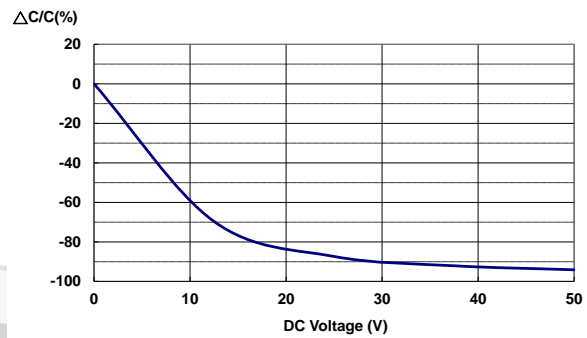


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+N1259A+B1505A

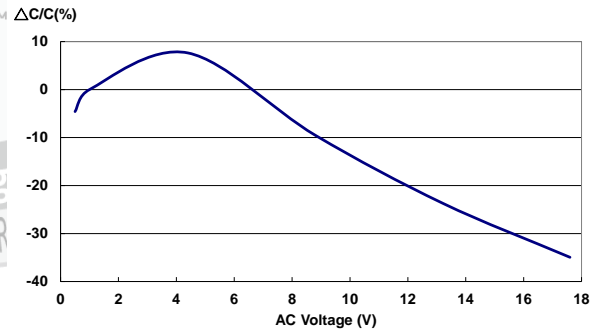
; DC charge 60±5sec)

25V : -87.36% ; 50V : -94.12%



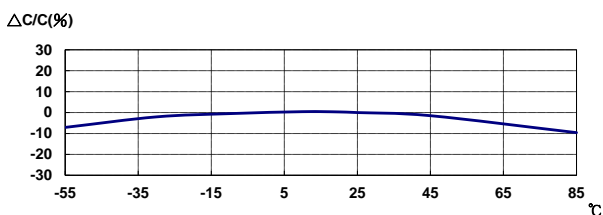
6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2020/02/25