

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0603 X7R 47nF 50V(0603B473J500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0603 (1608)	1.60+0.15/-0.10	0.80+0.15/-0.10	0.80+0.15/-0.10

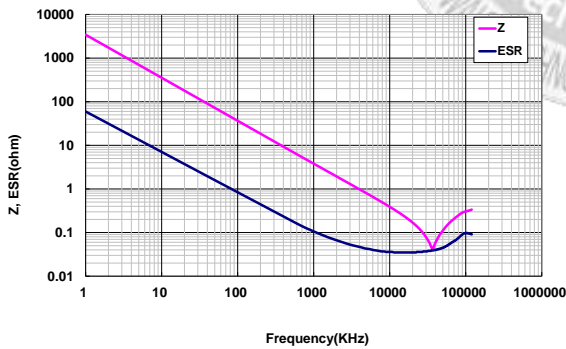
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	47 (±5%)
DF	≤ 3%
IR [G-ohm]	≥ 10

3. Impedance/ESR-Frequency

(Equipment: 4990A)

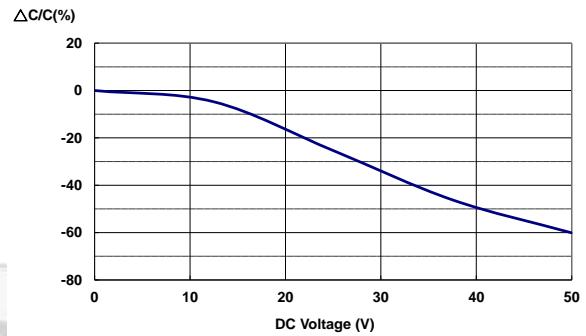


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A)

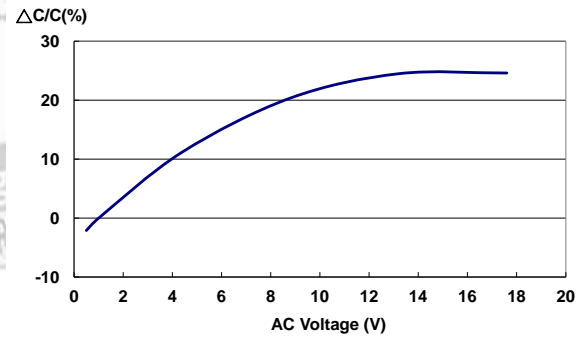
(DC charge 60±5sec)

25V : -25.35% ; 50V :-60.11%



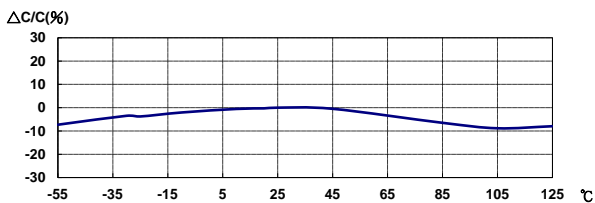
6. Capacitance – AC Voltage Characteristics

(Equipment: E4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2020/04/20