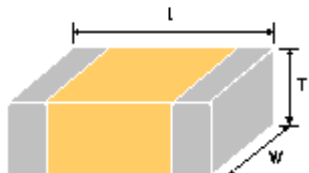


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0603 X7R 0.082uF 50V(0603B823K500CT)

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

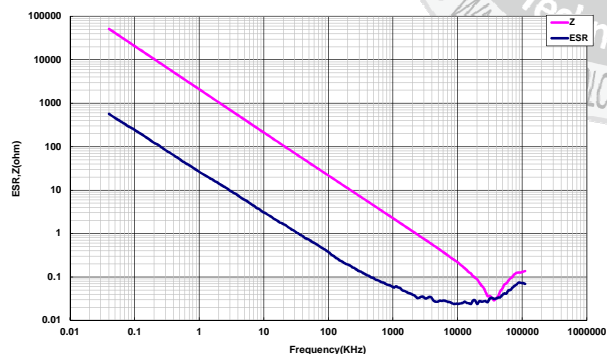
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	0.082 (±10%)
DF	≤ 3%
IR [G-ohm]	>6.10

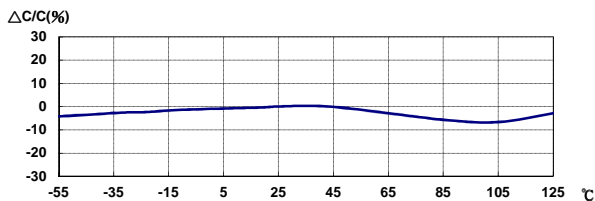
3. Impedance/ESR-Frequency

(Equipment: 4294A)



4. Capacitance – Temperature Characteristics

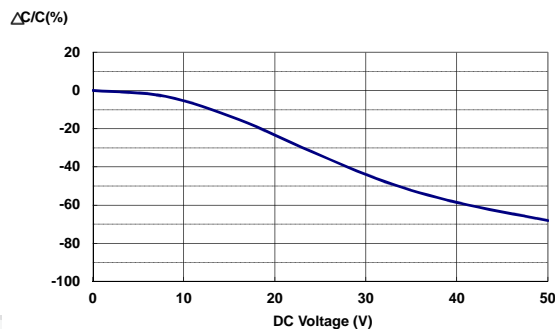
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

25V : -31.97% ; 50V :-68.20%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

