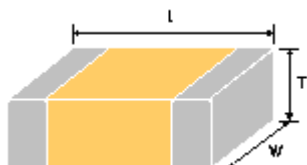


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0603 X7R 68nF 25V(0603B683K250CT)

1. Dimension



| Size Inch (mm) | L (mm) | W (mm) | T (mm) |
|----------------|-----------|-----------|-----------|
| 0603 (1608) | 1.60±0.10 | 0.80±0.10 | 0.80±0.07 |

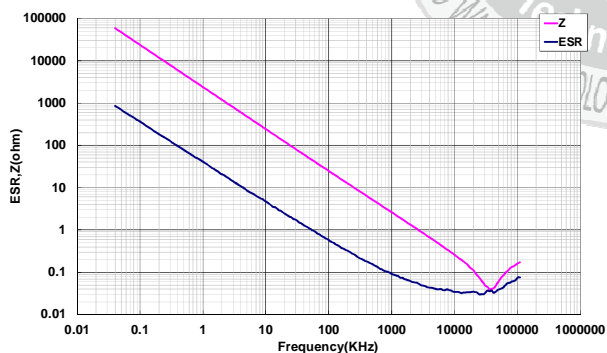
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @25V, 120sec)

| Item | Spec |
|------------|----------|
| Cap [nF] | 68(±10%) |
| DF | ≤ 3.5% |
| IR [G-ohm] | 7.35 |

3. Impedance/ESR-Frequency

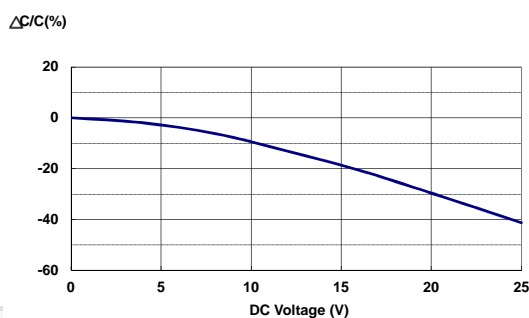
(Equipment: 4294A)



5. Capacitance – DC Voltage Characteristics

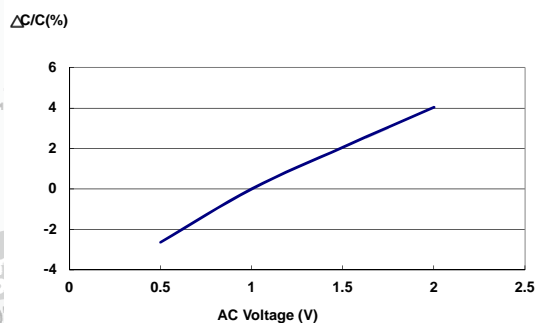
(Equipment: 4284A; DC charge 60±5sec)

12.5V : -13.13% ; 25V : -41.28%



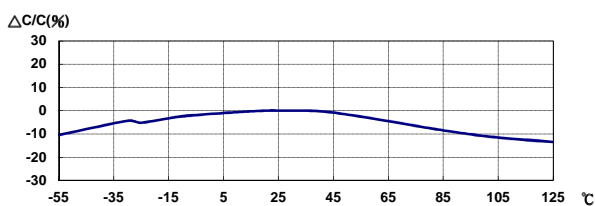
6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2018/07/05