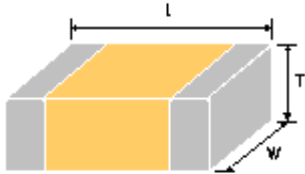


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0603 X7R 68nF 50V(0603B683K500CT)

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 |

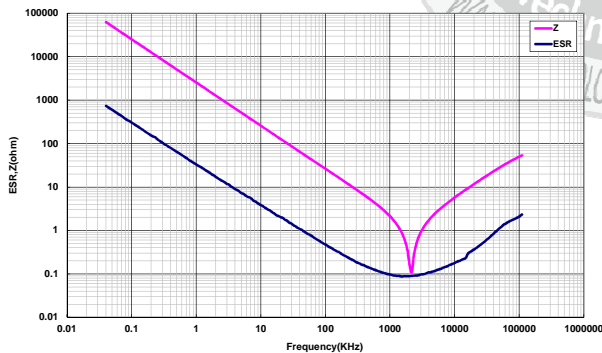
2. Cap, DF, IR @ 25°C

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

| Item | Spec |
|------------|----------|
| Cap [nF] | 68(±10%) |
| DF | ≤ 3% |
| IR [G-ohm] | > 7.35 |

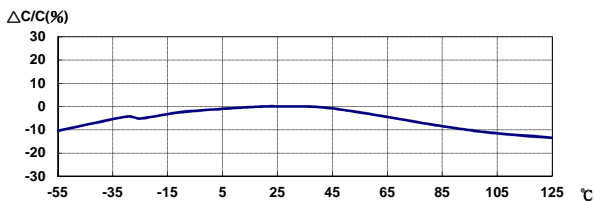
3. Impedance/ESR-Frequency

(Equipment: 4294A)



4. Capacitance – Temperature Characteristics

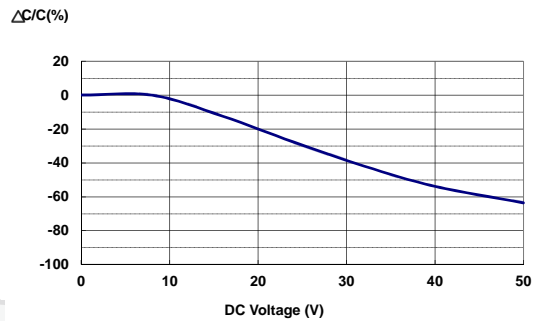
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

25V : -27.73% ; 50V : -63.67%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

