

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0603 X7R 47nF 25V(0603B473J250CT)

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 |

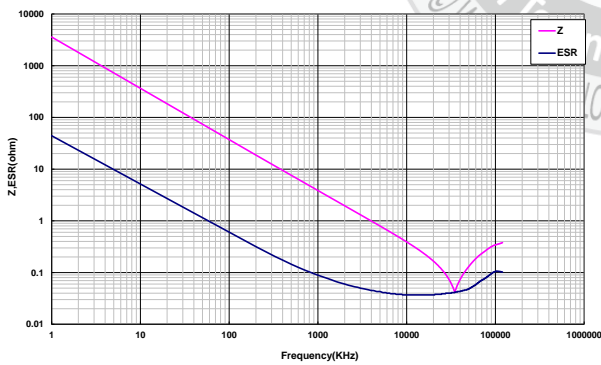
2. Cap, DF, IR @25°C

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

| Item | Spec |
|------------|----------|
| Cap [nF] | 47 (±5%) |
| DF | ≤ 3.5% |
| IR [G-ohm] | ≥ 10 |

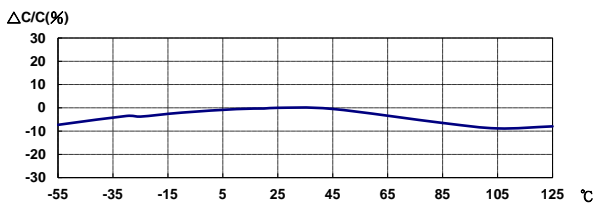
3. Impedance/ESR-Frequency

(Equipment: 4990A)



4. Capacitance – Temperature Characteristics

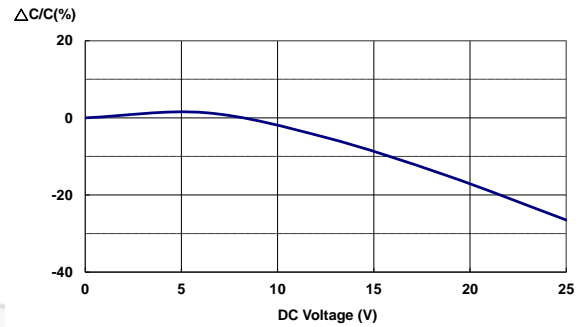
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A; DC charge 60±5sec)

12.5V : -5.09% ; 25V :-26.49%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

