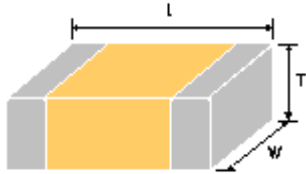


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0603 NPO 47pF 50V(0603N470J500CT)

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 |

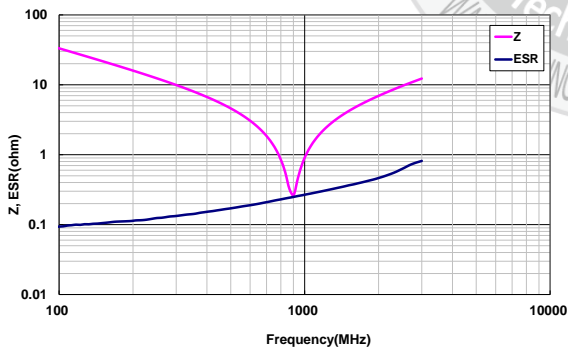
2. Cap, DF, IR @25°C

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

| Item       | Spec    |
|------------|---------|
| Cap [pF]   | 47(±5%) |
| DF         | ≤ 0.1%  |
| IR [G-ohm] | >10     |

3. Impedance/ESR-Frequency

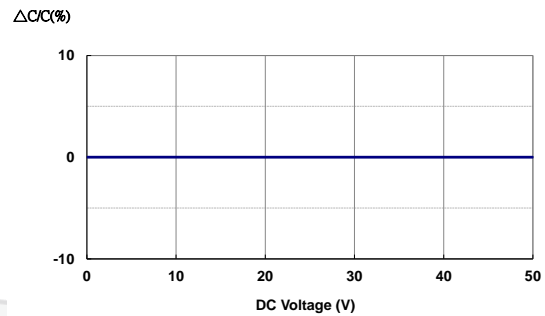
(Equipment: 4991B)



5. Capacitance – DC Voltage Characteristics

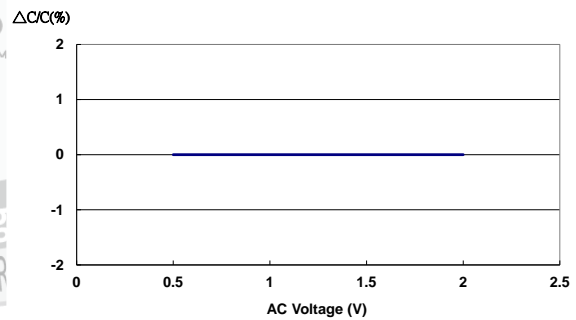
(Equipment: 4284A; DC charge 60±5sec)

25V : 0.00% ; 50V : 0.00%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

