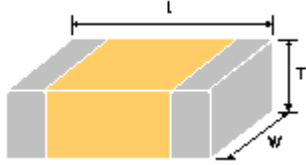


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 1812 X7R 33nF 250V(1812B333K251CT)

1. Dimension



| Size Inch (mm) | L (mm)        | W (mm)    | T (mm)    |
|----------------|---------------|-----------|-----------|
| 1812 (4532)    | 4.50±0.5/-0.3 | 3.20±0.30 | 1.25±0.10 |

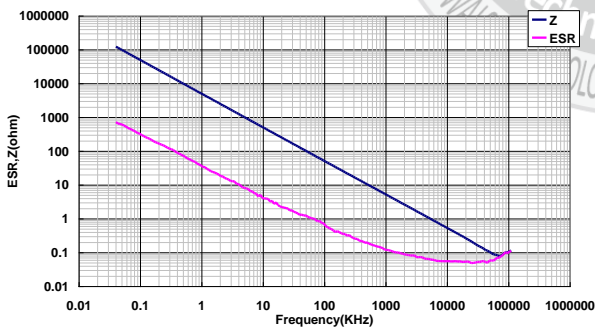
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @250V, 60sec)

| Item       | Spec     |
|------------|----------|
| Cap [nF]   | 33(±10%) |
| DF         | ≤ 2.5%   |
| IR [G-ohm] | ≥3.03    |

3. Impedance/ESR-Frequency

(Equipment: 4294A)

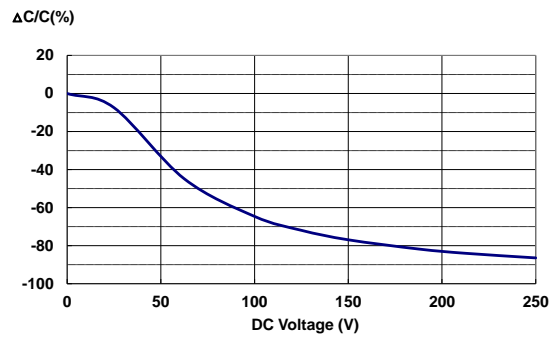


5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505+N1259)

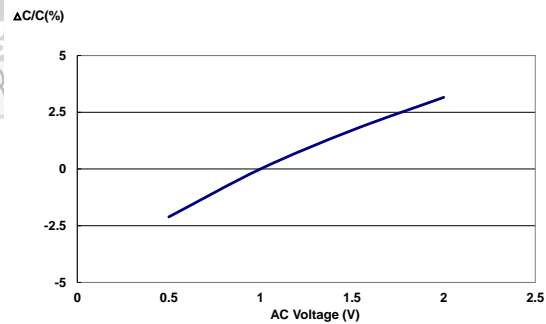
( DC charge 60±5sec)

125V : -71.96% ; 250V : -86.44%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A; AC charge 60±5sec)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

