

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

01005 X7R 100pF 10V(01R5B101K100CT)

1. Dimension



| Size Inch (mm) | L (mm) | W (mm) | T (mm) |
|----------------|----------|----------|----------|
| 01R5 (0402) | 0.4±0.02 | 0.2±0.02 | 0.2±0.02 |

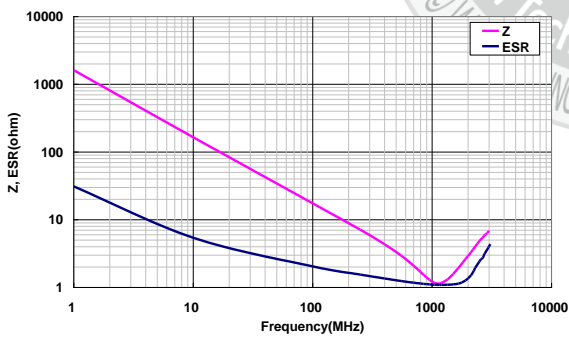
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @10V, 120sec)

| Item | Spec |
|------------|-----------|
| Cap [pF] | 100(±10%) |
| DF | ≤5% |
| IR [G-ohm] | ≥10 |

3. Impedance/ESR-Frequency

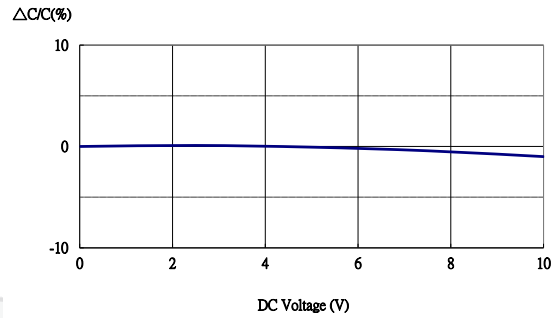
(Equipment: 4287A)



5. Capacitance – DC Voltage Characteristics

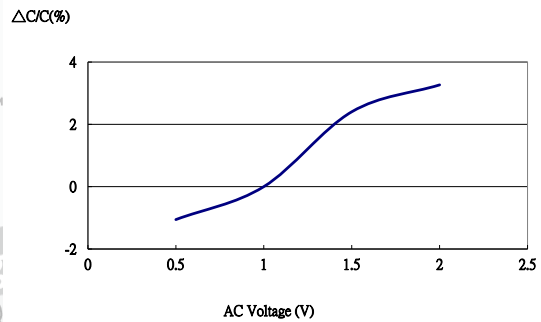
(Equipment: 4980A; DC charge 60±5sec)

5V : -0.07% ; 10V : -1%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

