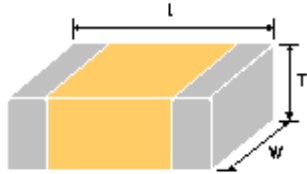


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### RT 0402 NPO 0.5pF 50V (RT15N0R5B500CT)

1. Dimension



| Size<br>Inch (mm) | L (mm)    | W (mm)    | T (mm)    |
|-------------------|-----------|-----------|-----------|
| 0402<br>(1005)    | 1.00±0.08 | 0.50±0.08 | 0.50±0.08 |

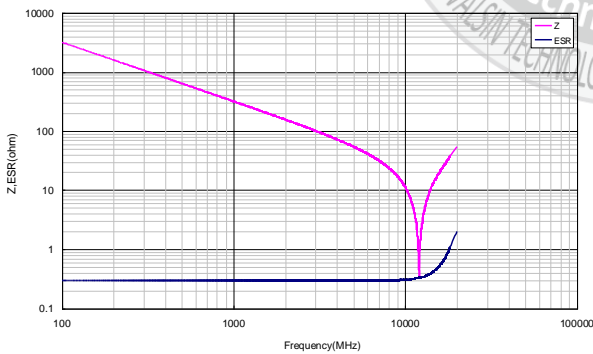
2. Cap, DF, IR @25°C

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

| Item       | Spec         |
|------------|--------------|
| Cap [pF]   | 0.5 (±0.1pF) |
| DF         | ≤ 0.25%      |
| IR [G-ohm] | ≥ 10         |

3. Impedance/ESR-Frequency

(Equipment: 4287A+ENA5071C)

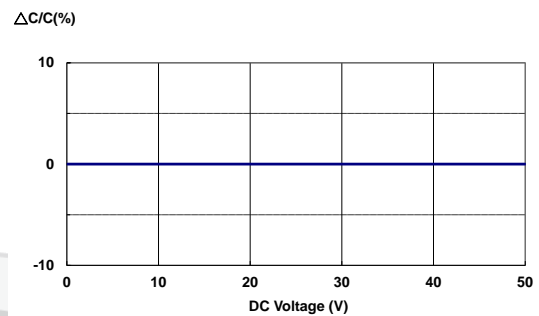


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+N1259A+B1505A)

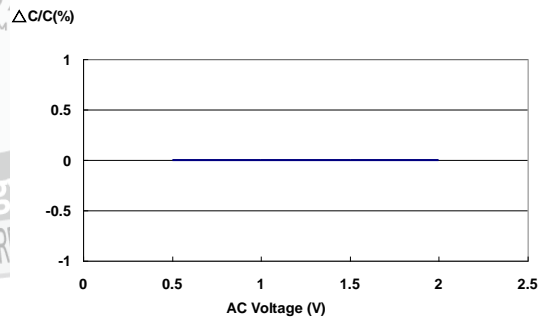
(DC charge 60±5sec)

25V : 0.00% ; 50V : 0.00%



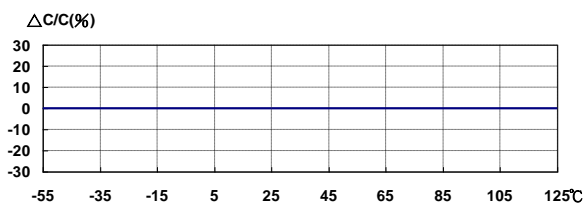
6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2021/03/17