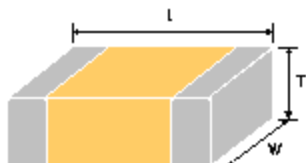


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0201 NPO 0.8pF 50V (0201N0R8B500CT)

1. Dimension



| Size<br>Inch (mm) | L (mm)    | W (mm)    | T (mm)    |
|-------------------|-----------|-----------|-----------|
| 0201<br>(0603)    | 0.60±0.03 | 0.30±0.03 | 0.30±0.03 |

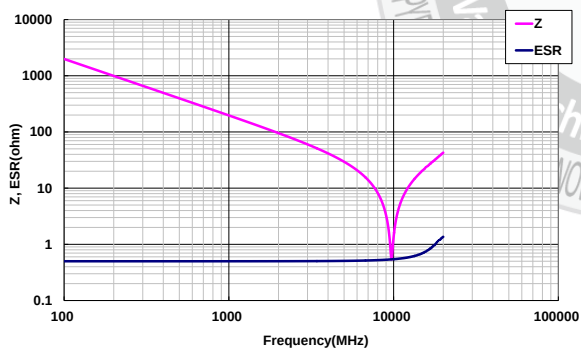
2. Cap, DF, IR @25°C

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

| Item       | Spec         |
|------------|--------------|
| Cap [pF]   | 0.8 (±0.1pF) |
| DF         | ≤0.24%       |
| IR [G-ohm] | ≥10          |

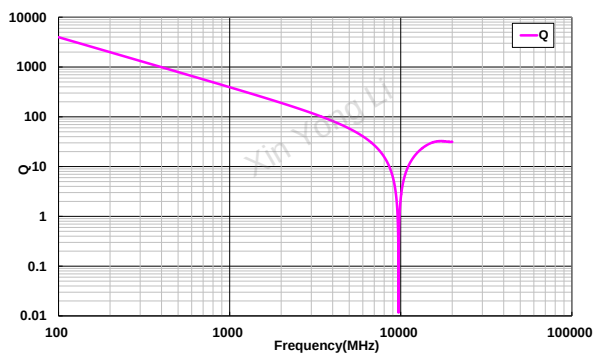
3. Impedance/ESR-Frequency

(Equipment: 4991B+ENA5071C)



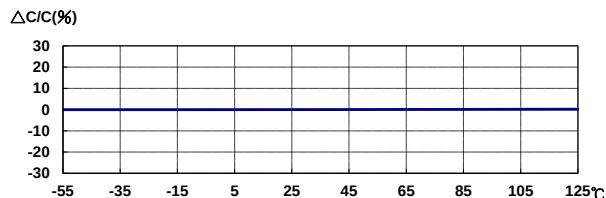
Q-Frequency

(Equipment: 4991B+ENA5071C)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

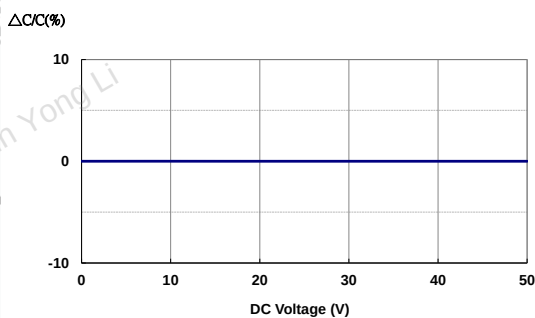


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980+B1505+N1259A)

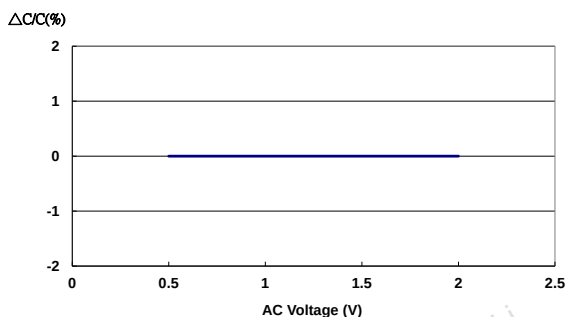
(DC charge 60±5sec)

25V : 0.00% ; 50V : 0.00%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



Last updated : 2025/10/14