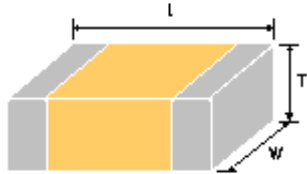


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 NPO 820pF 50V (0402N821J500CT)

1. Dimension



| Size Inch (mm) | L (mm) | W (mm) | T (mm) |
|----------------|-----------|-----------|-----------|
| 0402(1005) | 1.00±0.05 | 0.50±0.05 | 0.50±0.05 |

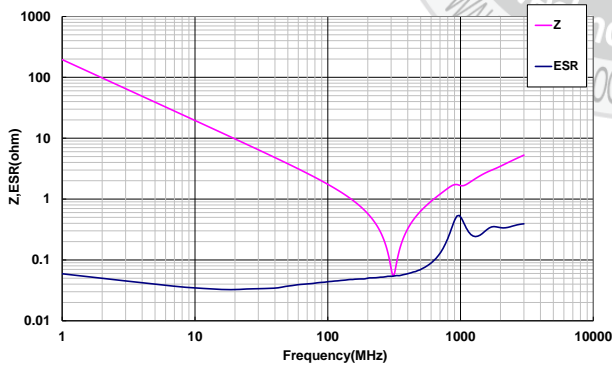
2. Cap, DF, IR @25°C

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

| Item | Spec |
|------------|----------|
| Cap [pF] | 820(±5%) |
| DF | ≤0.1% |
| IR [G-ohm] | ≥10 |

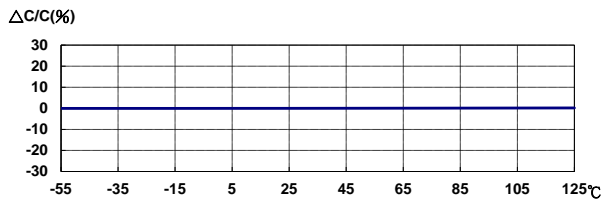
3. Impedance/ESR-Frequency

(Equipment: 4991B)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

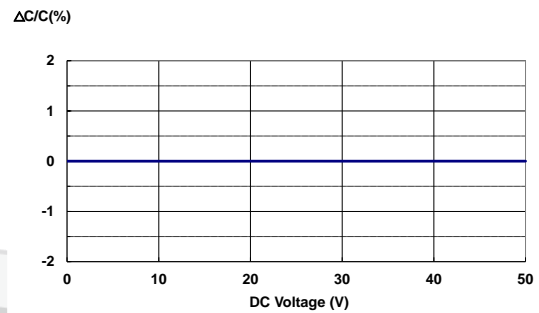


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A

; DC charge 60±5sec)

25V : 0.00% ; 50V : 0.00%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

