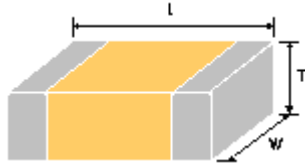


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 X5R 0.47uF 10V (0402X474K100CT)

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 |

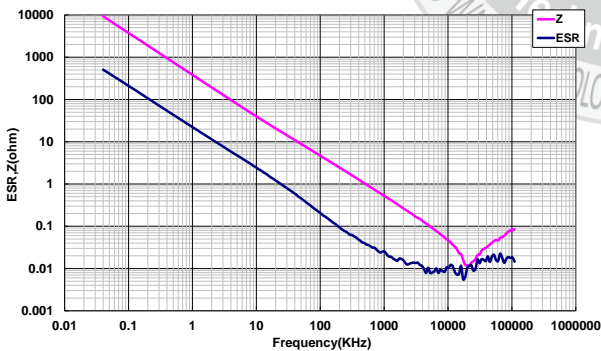
2. Cap, DF, IR @25°C

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

| Item | Spec |
|------------|------------|
| Cap [uF] | 0.47(±10%) |
| DF | ≤ 10% |
| IR [G-ohm] | ≥ 0.213 |

3. Impedance/ESR-Frequency

(Equipment: 4294A)



5. Temperature Rise – Ripple Current

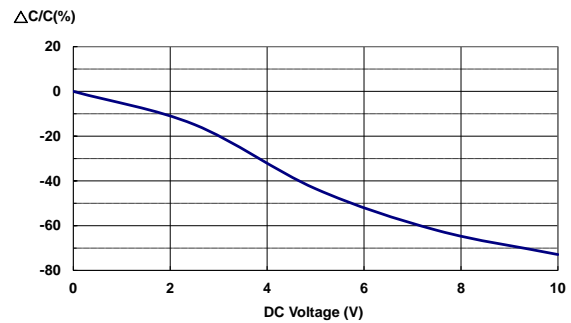
(Equipment: 11810)

Over the measure limit.

6. Capacitance – DC Voltage Characteristics

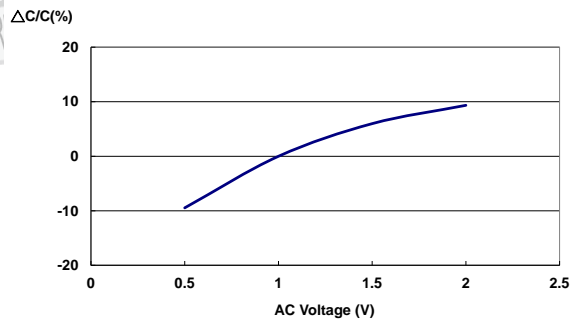
(Equipment: 4980A; DC charge 60±5sec)

5V : -43.50% ; 10V : -72.88%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A; AC charge 60±5sec)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

