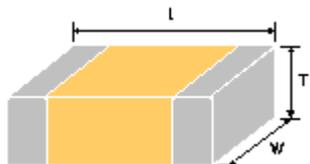


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0201 X5R 47nF 10V (0201X473K100CT)

#### 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 |

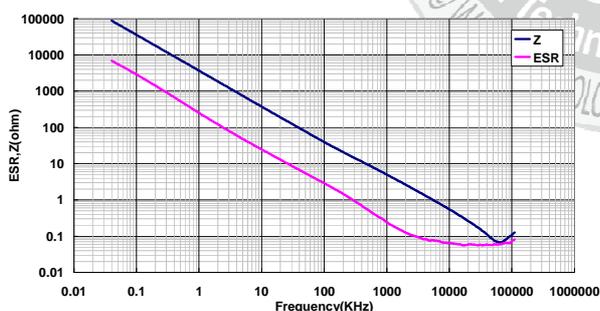
#### 2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 0.5Vrms ; IR @10V, 120sec)

| Item       | Spec      |
|------------|-----------|
| Cap [nF]   | 47(±10%)  |
| DF         | ≤10%      |
| IR [G-ohm] | >2.13 min |

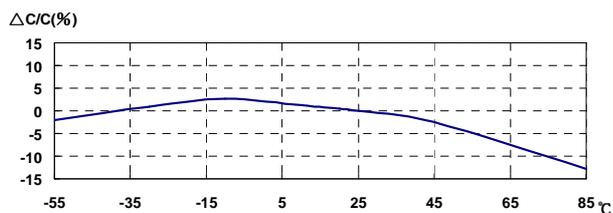
#### 3. Impedance/ESR-Frequency

(Equipment: 4294A)



#### 4. Capacitance – Temperature Characteristics

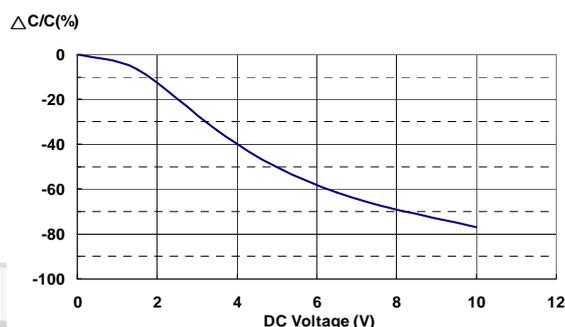
(Equipment: 4284A)



#### 5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

5V :- 50.15% ; 10V :- 76.97%



#### 6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

