

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0402 X5R 10uF 10V (0402X106M100CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0402 (1005)	1.0±0.20	0.50±0.20	0.50±0.20

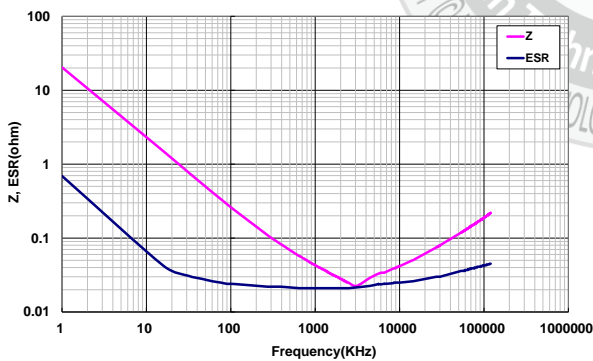
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	10 (±20%)
DF	≤ 15%
IR [M-ohm]	≥ 5

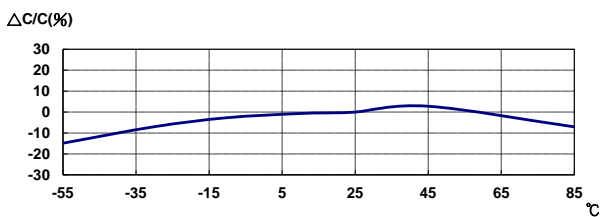
3. Impedance/ESR-Frequency

(Equipment: 4990A)



4. Capacitance – Temperature Characteristics

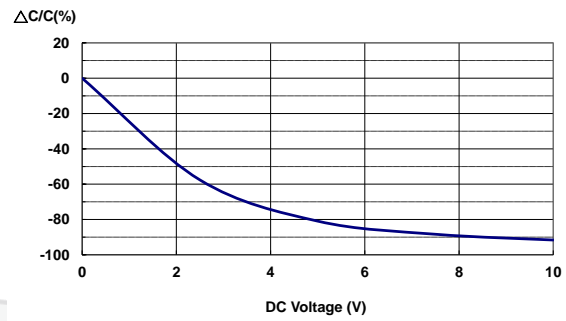
(Equipment: 4980A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

5V : -80.94% ; 10V : -91.63%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

