

Chip Monolithic Ceramic Capacitor

**Electrical Characteristics Data**

**01005 X5R 10nF 6.3V (01R5X103M6R3CT)**

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
01R5 (0402)	0.40±0.02	0.20±0.02	0.20±0.02

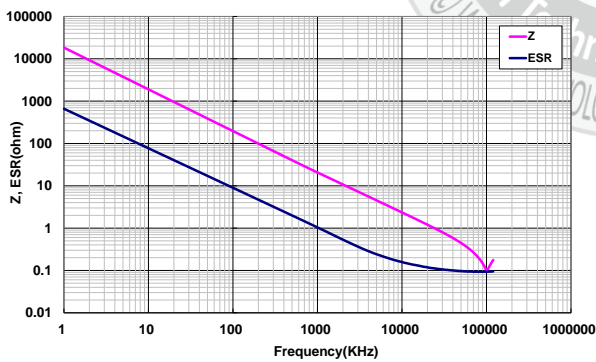
2. Cap, DF, IR @25°C

(Cap, DF @ 1KHz, 1Vrms ; IR @ 6.3V, 120sec)

Item	Spec
Cap [nF]	10(±20%)
DF	≤ 10%
IR [G-ohm]	≥ 5

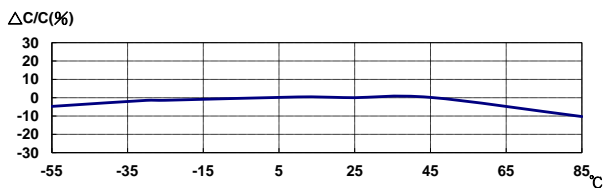
3. Impedance/ESR-Frequency

(Equipment: 4990A)



4. Capacitance – Temperature Characteristics

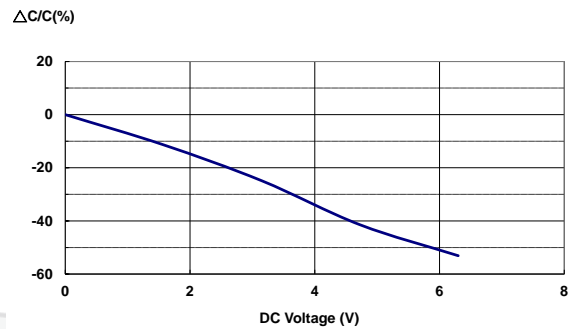
(Equipment: 4980A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

3.15V : -24.87% ; 6.3V : -53.08%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

