

Chip Monolithic Ceramic Capacitor

**Electrical Characteristics Data**

**01005 X5R 1nF 10V (01R5X102M100CT)**

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

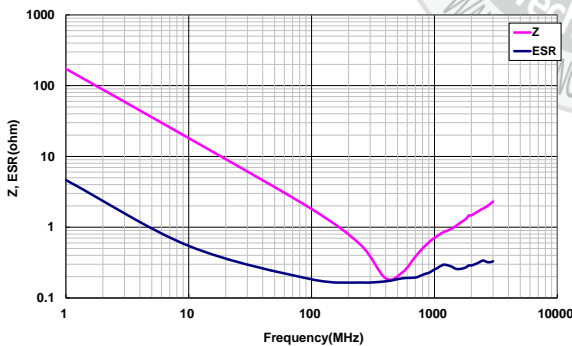
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	1 (±20%)
DF	≤ 10%
IR [G-ohm]	≥ 10

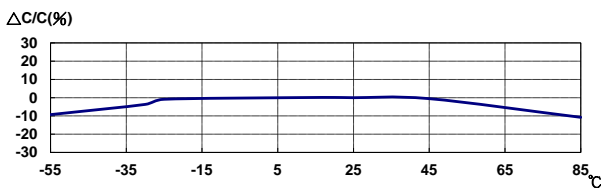
3. Impedance/ESR-Frequency

(Equipment: 4287A)



4. Capacitance – Temperature Characteristics

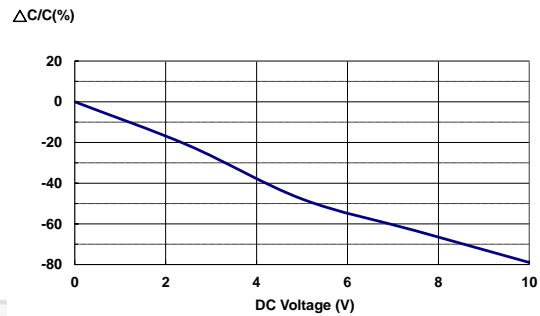
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

5V : -47.78% ; 10V : -78.97%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

