

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

01005 X7R 1nF 10V (01R5B102K100CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
01R5 (0402)	0.4±0.02	0.2±0.02	0.2±0.02

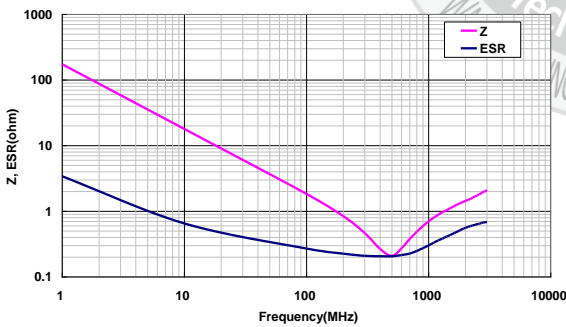
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	1(±10%)
DF	≤5%
IR [G-ohm]	≥10

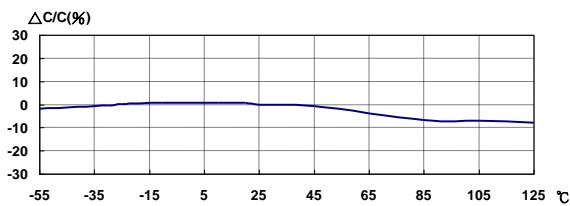
3. Impedance/ESR-Frequency

(Equipment: 4287A)



4. Capacitance – Temperature Characteristics

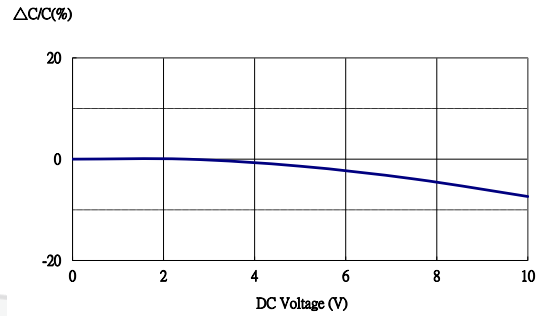
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

5V : -1.39% ; 10V : -7.38%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

