

Chip Monolithic Ceramic Capacitor

**Electrical Characteristics Data**

**0402 X7R 27nF 25V(0402B273K250CT)**

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0402 (1005)	1.00±0.05	0.50±0.05	0.50±0.05

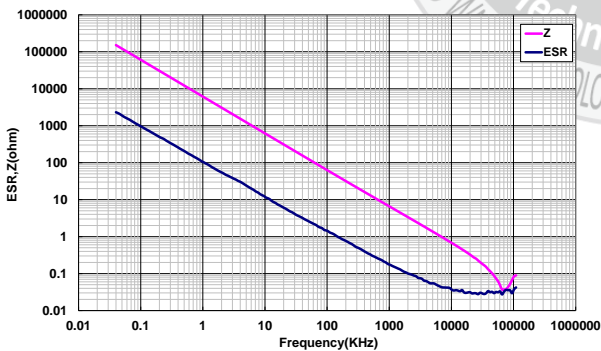
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @25V, 120sec)

Item	Spec
Cap [nF]	27(±10%)
DF	≤ 3.5%
IR [G-ohm]	≥ 10

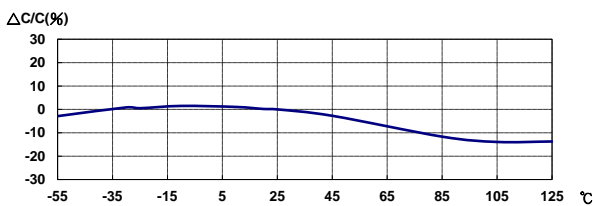
3. Impedance/ESR-Frequency

(Equipment: 4294A)



4. Capacitance – Temperature Characteristics

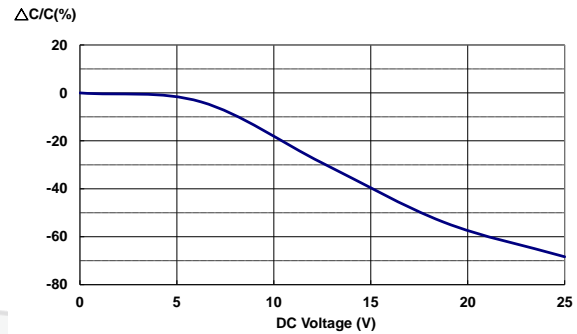
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

12.5V : -29.25% ; 25V : -68.37%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

