

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 X7R 680pF 100V(0402B681K101CT)

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

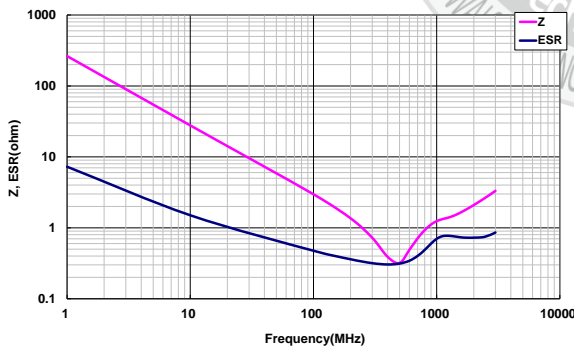
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @100V, 120sec)

Item	Spec
Cap [pF]	680(±10%)
DF	≤2.5%
IR [G-ohm]	≥10

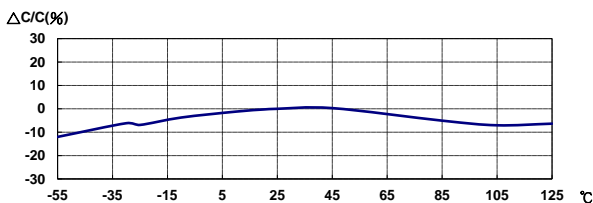
3. Impedance/ESR-Frequency

(Equipment: 4287A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

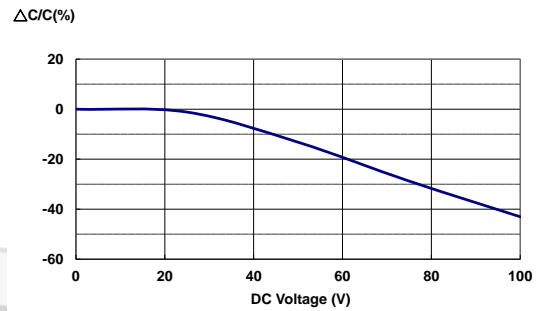


5. Capacitance – DC Voltage Characteristics

(Equipment: 4980+B1505+N1259)

(DC charge 60±5sec)

50V : -13.21% ; 100V : -43.02%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

