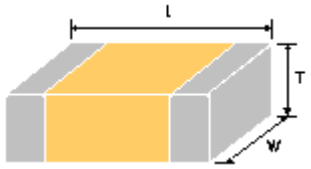
Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 X7R 2.7 nF 50V(0402B272K500CT)

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

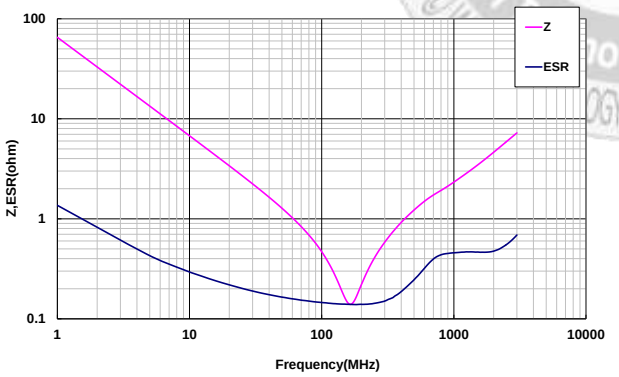
2. Cap, DF, IR @25℃

(Cap, DF @1KHz, 1Vrms ; IR @50V, 120sec)

Item	Spec
Cap [nF]	2.7(±10%)
DF	≦2.5%
IR [G-ohm]	≧10

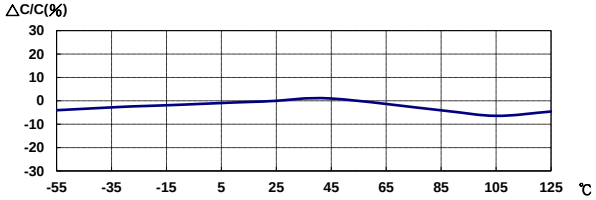
3. Impedance/ESR-Frequency

(Equipment: 4991B)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

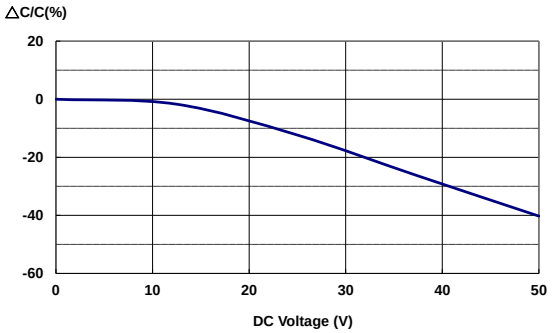


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A)

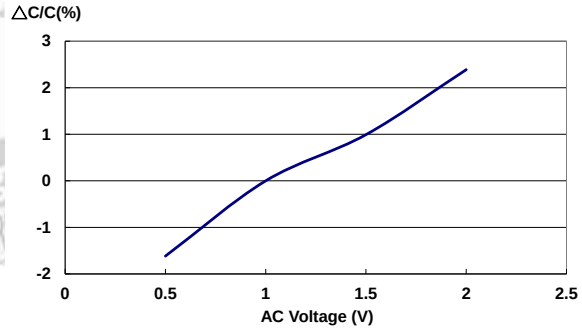
(DC charge 60±5sec)

25V : -12.34% ; 50V : -40.25%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2021/09/08

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