

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### X1/Y2, 1808, NPO, 33pF, 5000V impulse voltage (S242N330J502CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
1808 (4520)	4.50+0.5/-0.3	2.03±0.25	1.40±0.15

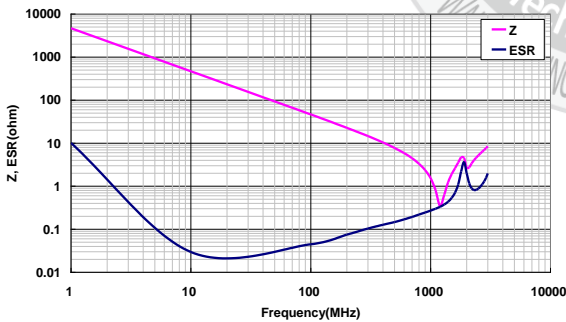
2. Cap, DF, IR @25°C

(Cap, DF @1MHz, 1Vrms ; IR @500V, 120sec)

Item	Spec
Cap [pF]	33 (±5%)
DF	≤ 0.1%
IR [G-ohm]	≥ 10

3. Impedance/ESR-Frequency

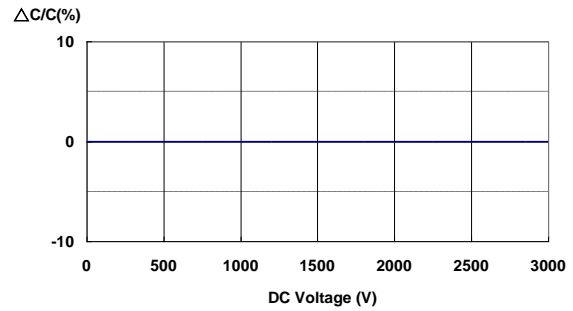
(Equipment: 4287A)



5. Capacitance – DC Voltage Characteristics

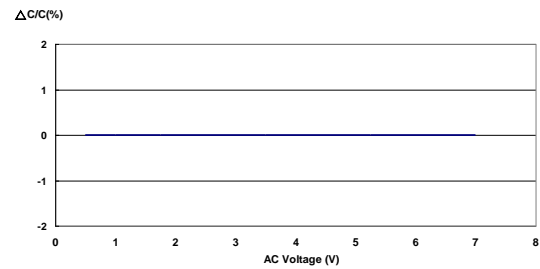
(Equipment: 4284A; DC charge 60±5sec)

1500V : 0% ; 3000V : 0%



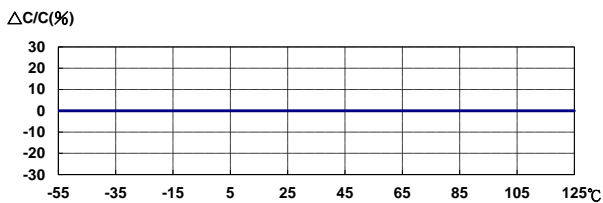
6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



Last updated : 2019/02/26