

Electrical Characteristics Data

0603 NPO 2.7nF 50V (0603N272J500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0603 (1608)	1.60±0.15/-0.10	0.80±0.15/-0.10	0.80±0.15/-0.10

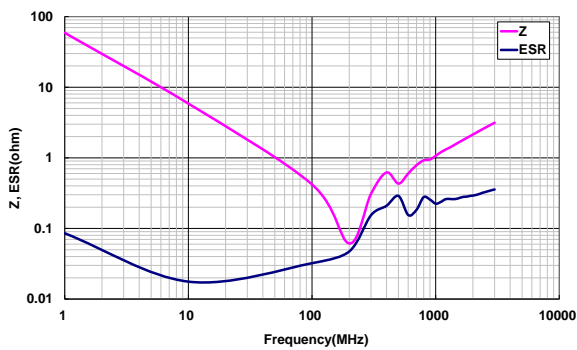
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [nF]	2.7(±5%)
DF	≤0.1%
IR [G-ohm]	≥10

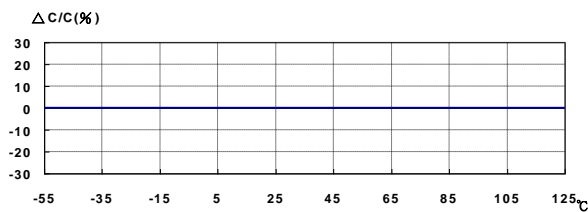
3. Impedance/ESR-Frequency

(Equipment: 4287A)



4. Capacitance – Temperature Characteristics

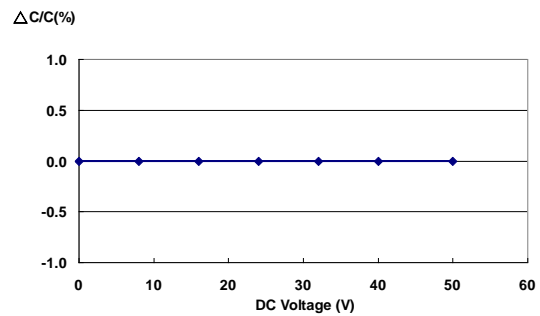
(Equipment: 4284A)



5. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

24V : 0% ; 50V : 0%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

