

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

RF 0603 NPO 47pF 50V (RF18N470F500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0603(1608)	1.60±0.10	0.80±0.10	0.80±0.07

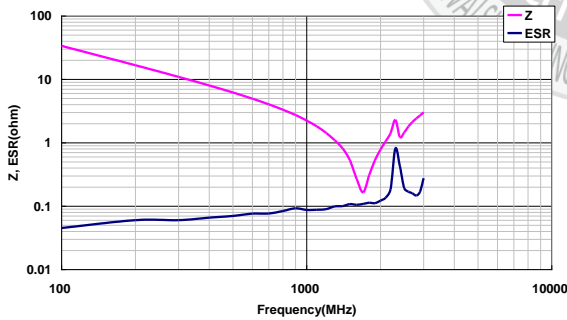
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [pF]	47(±1%)
DF	≤ 0.10%
IR [G-ohm]	≥ 10

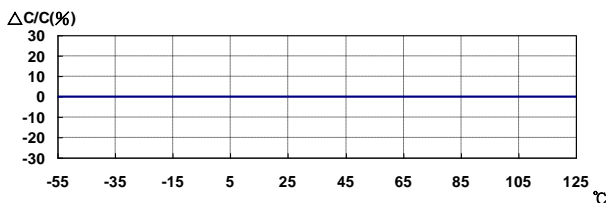
3. Impedance/ESR-Frequency

(Equipment: 4287A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

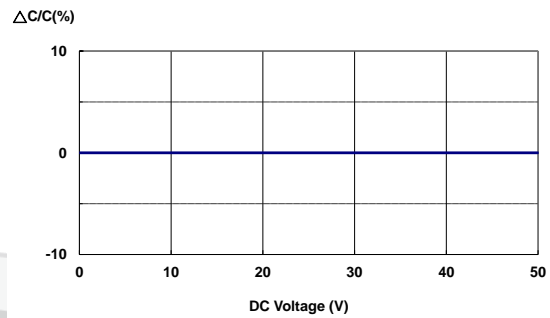


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A)

(DC charge 60±5sec)

25V :0% ; 50V :0%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

