

Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0603 X5R 4.7uF 6.3V (0603X475K6R3CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0603 (1608)	1.60±0.20	0.80±0.20	0.80±0.20

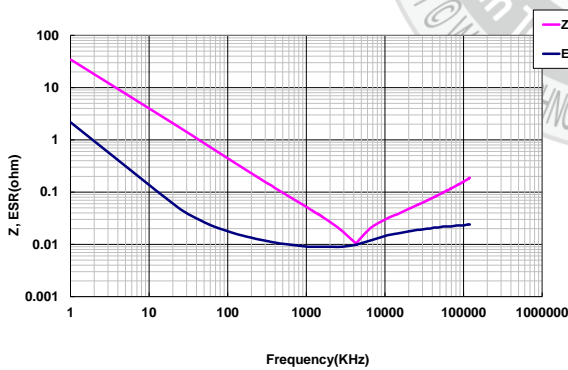
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @6.3V, 120sec)

Item	Spec
Cap [uF]	4.7 (±10%)
DF	≤ 10%
IR [G-ohm]	≥ 0.021

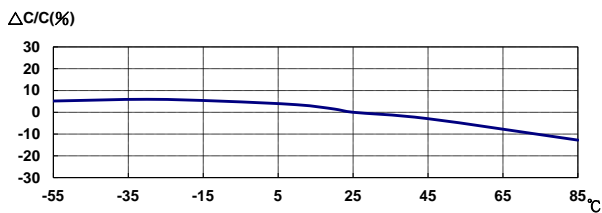
3. Impedance/ESR-Frequency

(Equipment: 4990A)



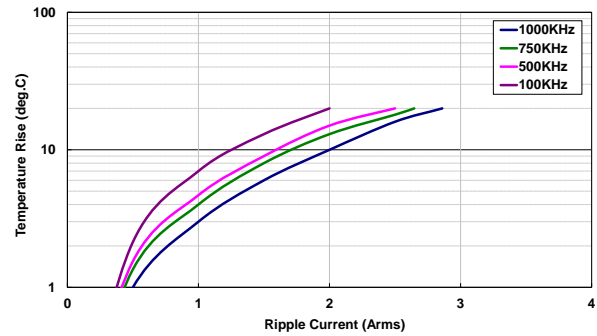
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

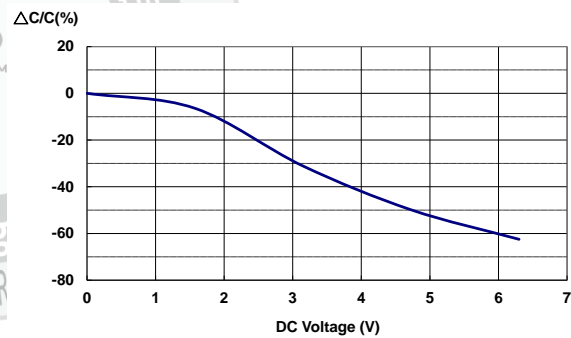
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

3.15V : -31.11% ; 6.3V : -62.49%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

