

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 X5R 4.7uF 6.3V(0402X475M6R3CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0402 (1005)	1.00±0.20	0.50±0.20	0.50±0.20

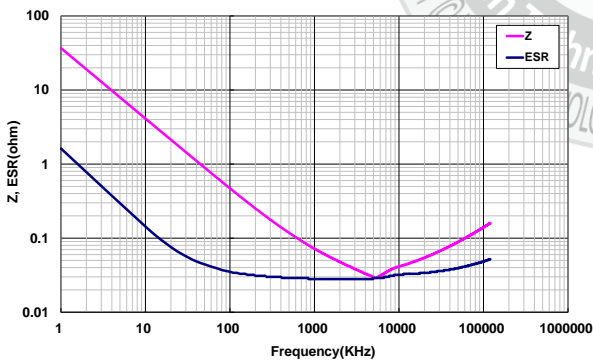
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 0.5Vrms ; IR @6.3V, 120sec)

Item	Spec
Cap [uF]	4.7 (±20%)
DF	≤ 20%
IR [G-ohm]	≥ 0.0106

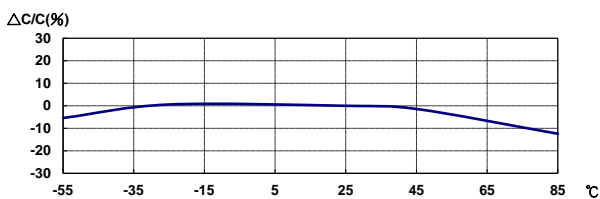
3. Impedance/ESR-Frequency

(Equipment: 4990A)



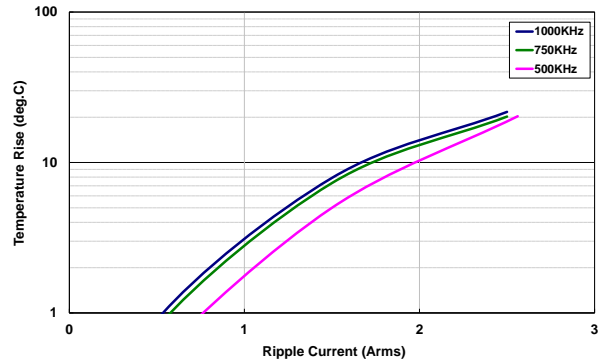
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

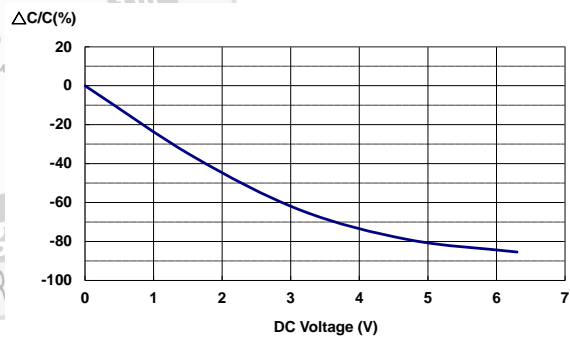
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

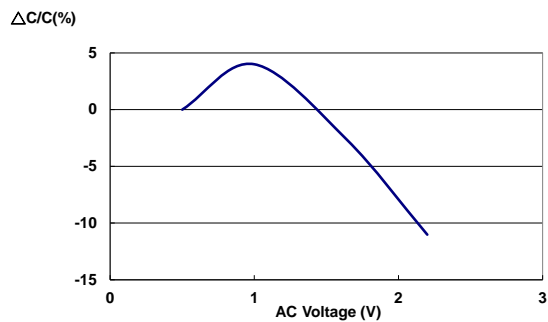
(Equipment: 4980A; DC charge 60±5sec)

3.15V : -64% ; 6.3V : -85.4%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



Last updated : 2020/07/17