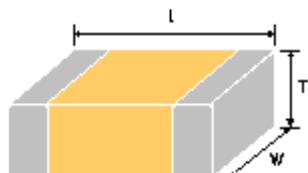


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0402 X5R 4.7uF 6.3V (0402X475K6R3CT)

1. Dimension



| Size Inch (mm) | L (mm) | W (mm) | T (mm) |
|-------------------|-----------|----------|----------|
| 0402 (1005) | 1.00±0.20 | 0.5±0.20 | 0.5±0.20 |

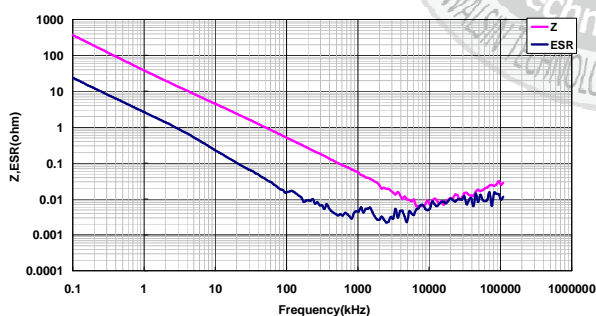
2. Cap, DF, IR @25°C

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

| Item | Spec |
|------------|------------|
| Cap [uF] | 4.7 (±10%) |
| DF | ≤20% |
| IR [G-ohm] | >0.0213 |

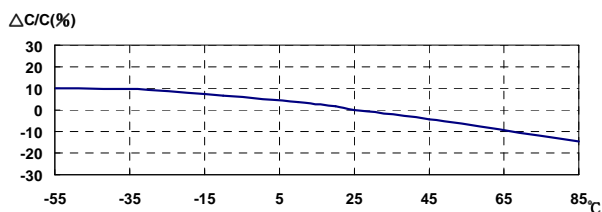
3. Impedance/ESR-Frequency

(Equipment: 4294A)



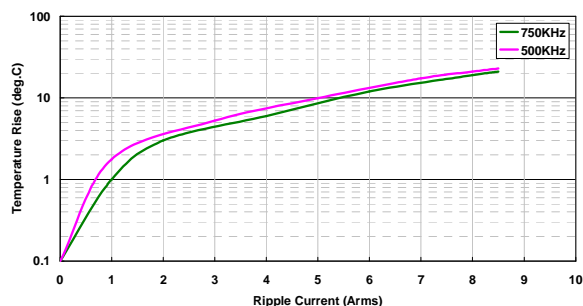
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

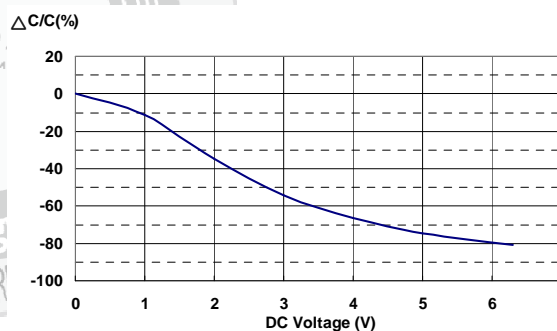
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

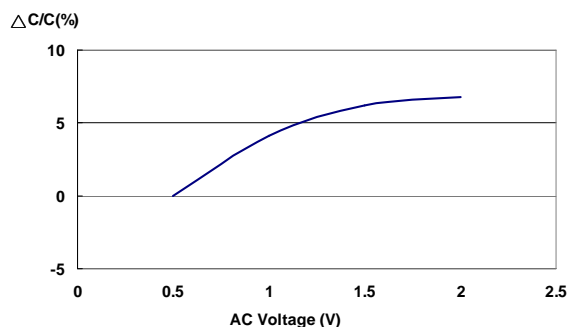
(Equipment: 4284A; DC charge 60±5sec)

3.15V : -56.33% ; 6.3V : -80.80%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2019/03/05