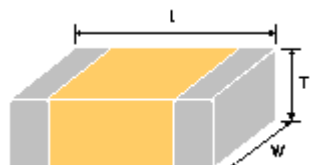


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0603 Y5V 0.15uF 50 V (0603F154Z500CT)

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 |

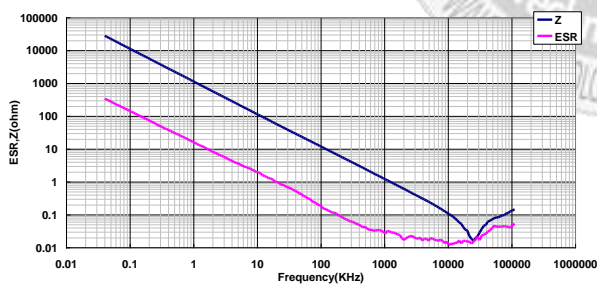
2. Cap, DF, IR @25°C

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

| Item | Spec |
|------------|---------------|
| Cap [nF] | 150(-20/+80%) |
| DF | ≤ 7% |
| IR [G-ohm] | ≥ 3.33 |

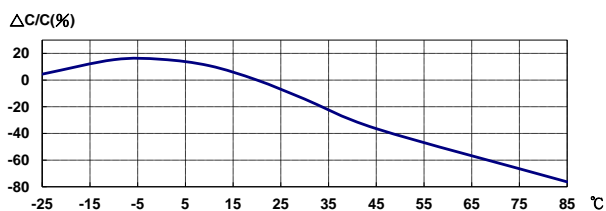
3. Impedance/ESR-Frequency

(Equipment: 4294A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

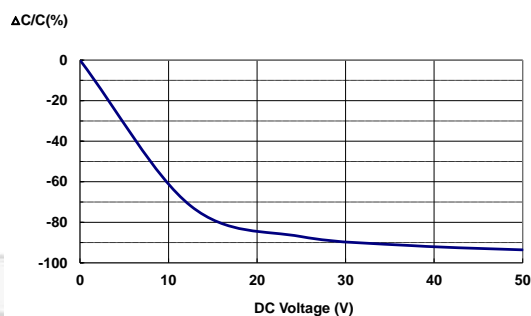


5. Capacitance – DC Voltage Characteristics

(Equipment: E4980+B1505+N1259)

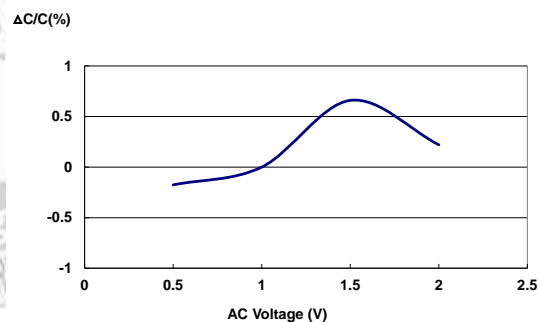
(DC charge 60±5sec)

24V : -87.07% ; 50V : -93.60%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2020/3/12