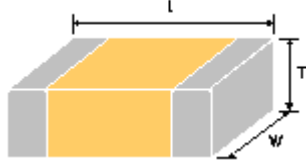


Chip Monolithic Ceramic Capacitor

**Electrical Characteristics Data**

**0603 X5R 10uF 16V (0603X106M160CT)**

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

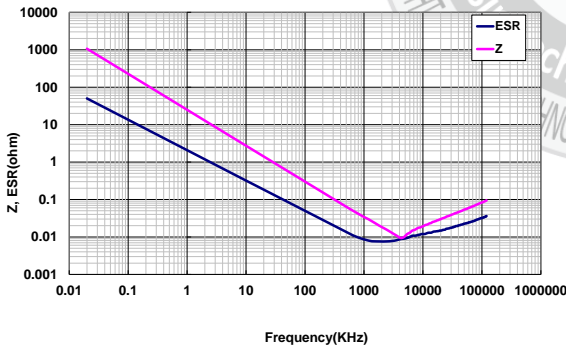
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @16V, 120sec)

Item	Spec
Cap [uF]	10(±20%)
DF	≤ 10%
IR [M-ohm]	≥ 5

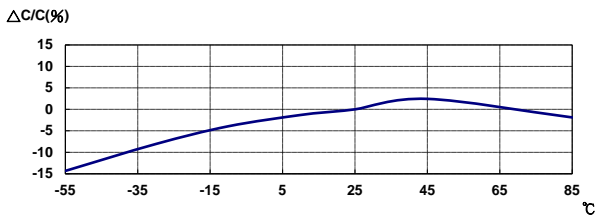
3. Impedance/ESR-Frequency

(Equipment: 4990A)



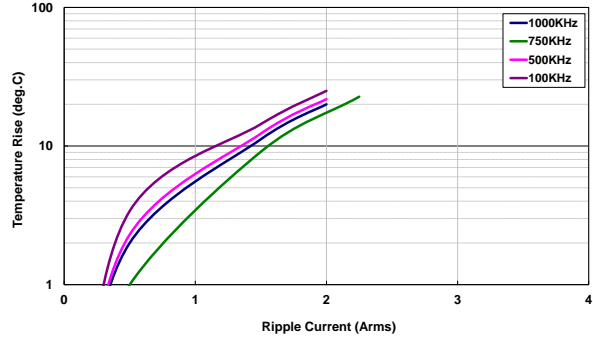
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

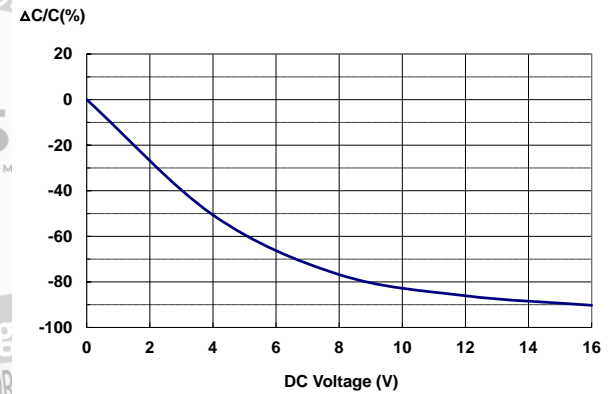
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

8V : -76.79% ; 16V : -90.26%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

