

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0603 X6S 22uF 4.0 V (0603S226M4R0CT)

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

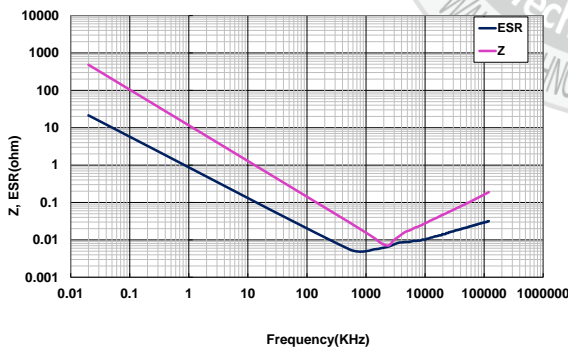
2. Cap, DF, IR @25°C

(Cap, DF @ 120Hz, 0.5Vrms ; IR @ 4.0V, 120sec)

Item	Spec
Cap [uF]	22(±20%)
DF	≤ 15%
IR [M-ohm]	≥ 2.3

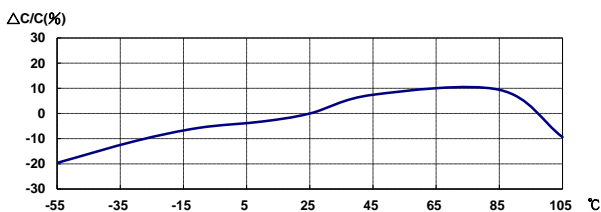
3. Impedance/ESR-Frequency

(Equipment: 4990A)



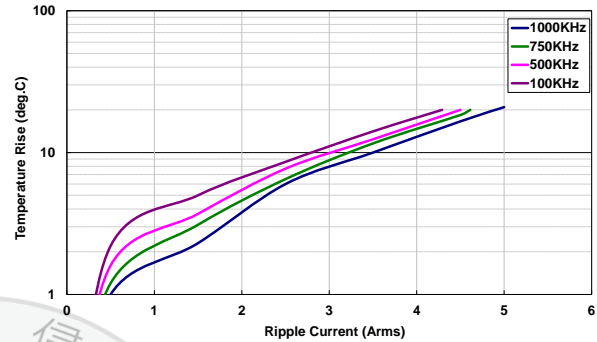
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

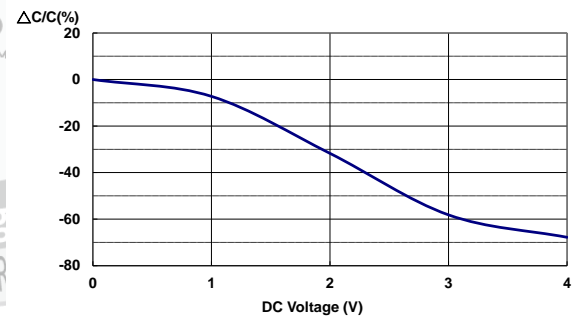
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

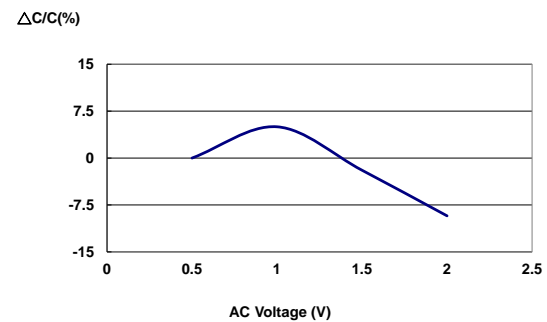
(Equipment: 4284A; DC charge 60±5sec)

2V : -31.75 % ; 4V: -67.81 %



7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2019/11/11