

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

1206 X5R 10uF 25V (1206X106M250CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
1206 (3216)	3.20+0.30/-0.10	1.60+0.30/-0.10	1.60+0.30/-0.10

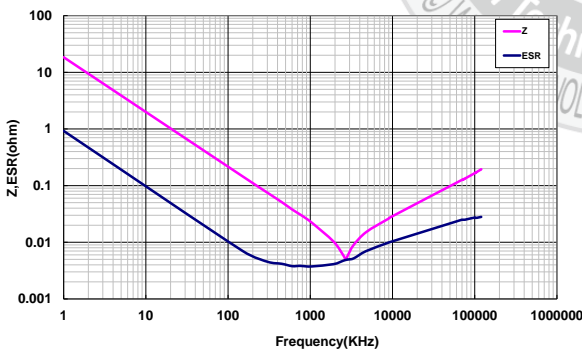
2. Cap, DF, IR @25°C

(Cap, DF @ 1KHz, 1Vrms ; IR @ 25V, 120sec)

Item	Spec
Cap [uF]	10 (±20%)
DF	≤ 10%
IR [G-ohm]	≥ 0.01

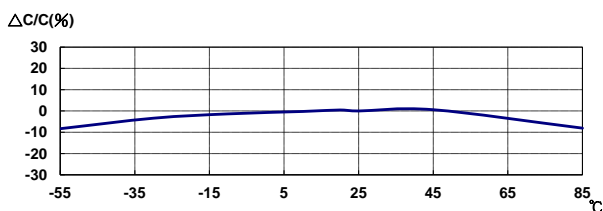
3. Impedance/ESR-Frequency

(Equipment:4990A)



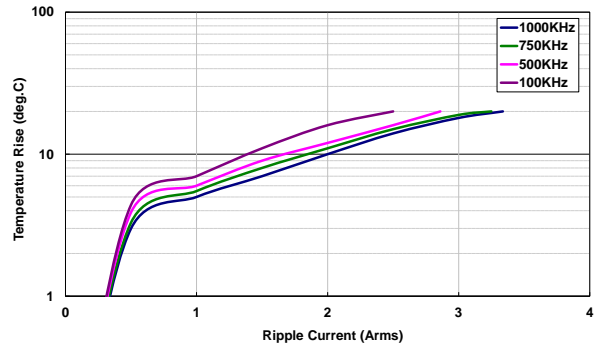
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

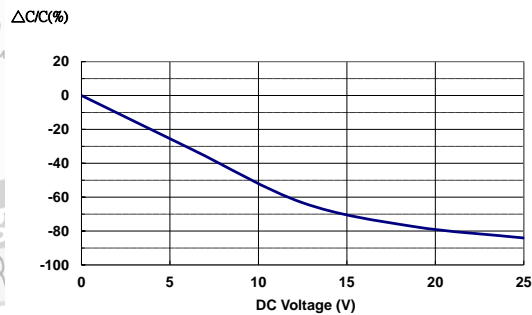
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

12.5V : -63.28% ; 25V : -84.06%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

