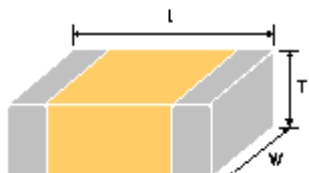


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

1206 X5R 47 μ F 10V (1206X476M100CT)

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

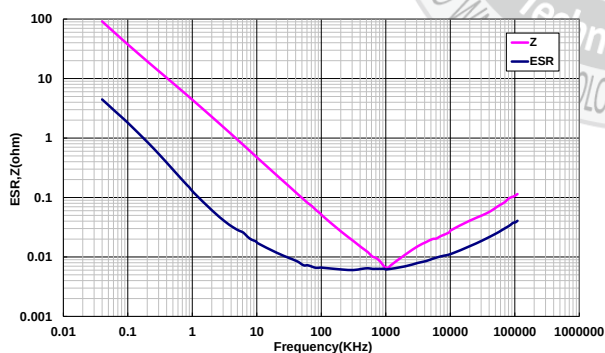
2. Cap, DF, IR @25°C

(Cap, DF @120Hz, 0.5Vrms ; IR @10V, 120sec)

Item	Spec
Cap [μ F]	47 ($\pm 20\%$)
DF	$\leq 10\%$
IR [G-ohm]	≥ 0.00213

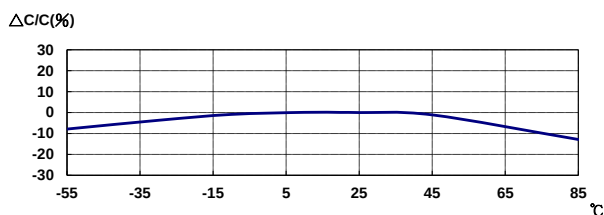
3. Impedance/ESR-Frequency

(Equipment: 4294A)



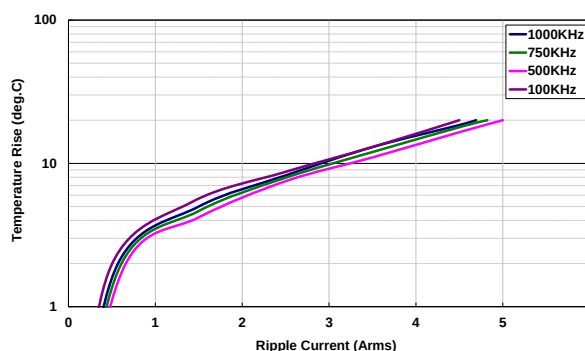
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

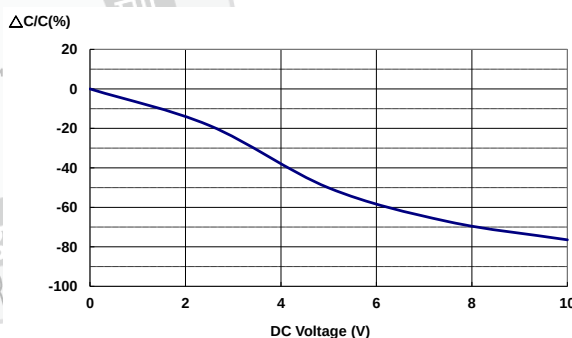
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

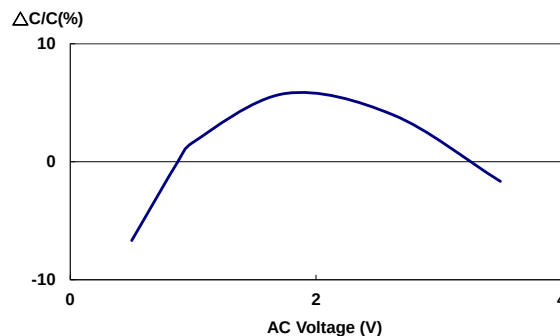
(Equipment: 4980A; DC charge 60 $\pm$ 5sec)

5V : -50.14% ; 10V : -76.46%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



Last updated : 2019/12/27