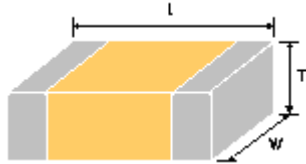


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 1206 Y5V 1uF 16V (1206F105M160CT)

#### 1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
1206 (3216)	3.20±0.15	1.60±0.15	0.95±0.10

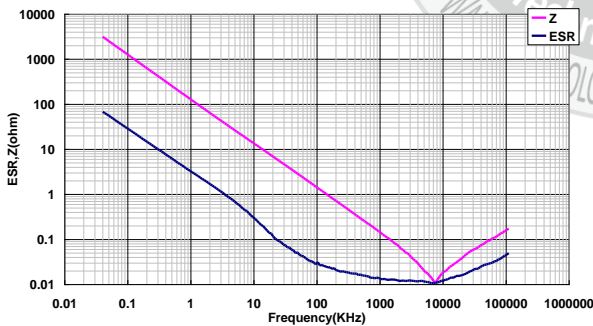
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	1(±20%)
DF	≤ 9%
IR [G-ohm]	≥ 0.5

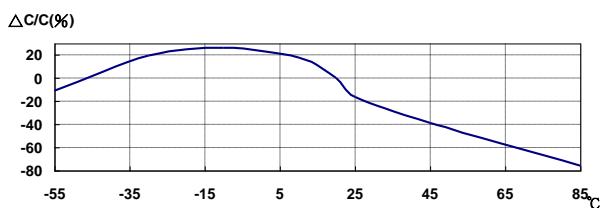
#### 3. Impedance/ESR-Frequency

(Equipment: 4294A)



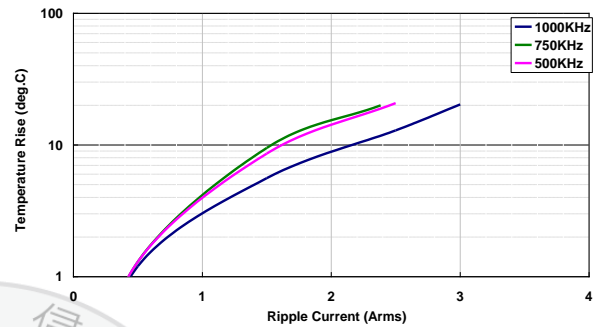
#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



#### 5. Temperature Rise – Ripple Current

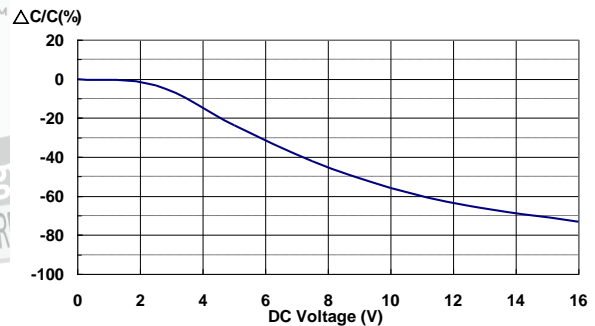
(Equipment: 11810)



#### 6. Capacitance – DC Voltage Characteristics

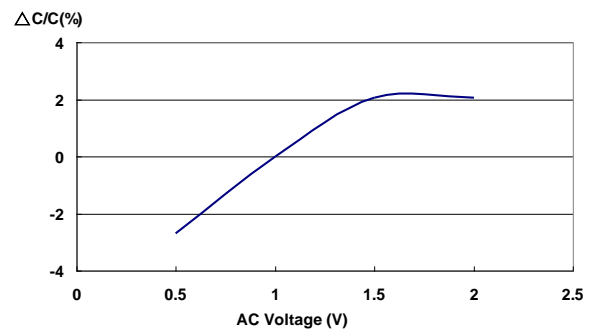
(Equipment: 4284A; DC charge 60±5sec)

8V : -42.25% ; 16V : -73.02%



#### 7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2018/12/05