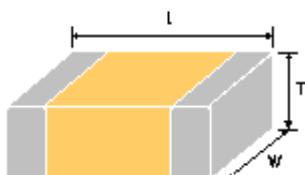


Chip Monolithic Ceramic Capacitor

## Electrical Characteristics Data

### 0603 X7R 0.1uF 100V(0603B104K101CT)

#### 1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0603 (1608)	1.60+0.15/-0.10	0.80+0.15/-0.10	0.80+0.15/-0.10

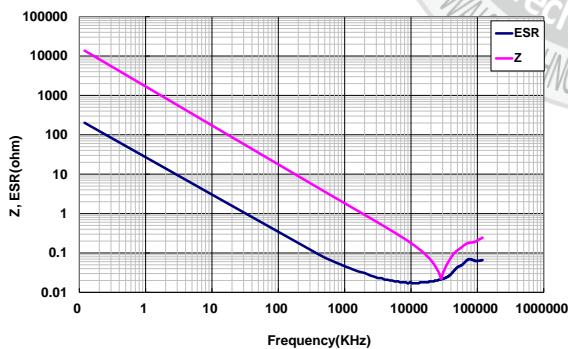
#### 2. Cap, DF, IR @25°C

(Cap, DF @ 1KHz, 1Vrms ; IR @ 100V, 120sec)

Item	Spec
Cap [uF]	0.1 ( $\pm 10\%$ )
DF	$\leq 5\%$
IR [G-ohm]	$\geq 1$

#### 3. Impedance/ESR-Frequency

(Equipment: 4990A)



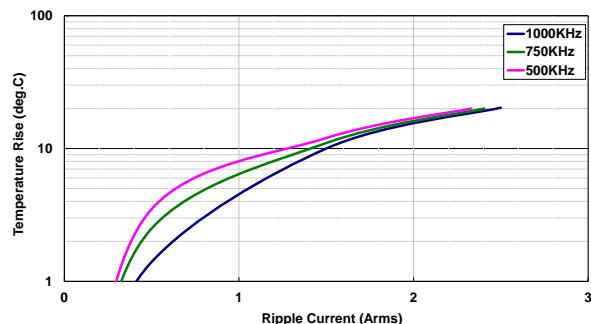
#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



#### 5. Temperature Rise – Ripple Current

(Equipment: 11810)

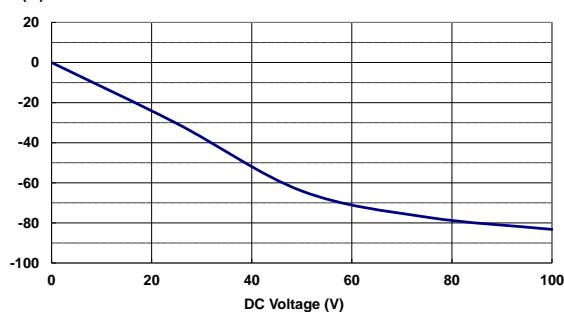


#### 6. Capacitance – DC Voltage Characteristics

(Equipment: E4980A+B1505A+N1259A)

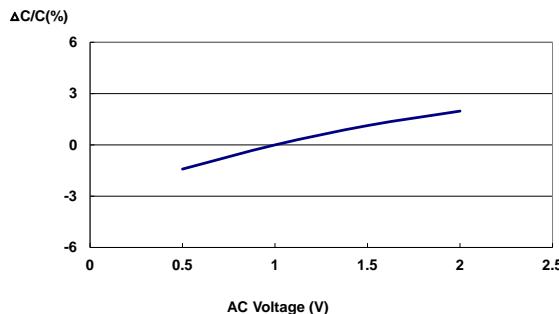
(DC charge 60±5sec)

50V : -64.07% ; 100V : -83.24%



#### 7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)



Last updated : 2020/08/26