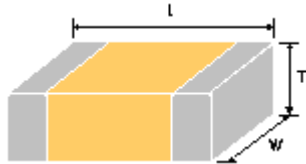


## Electrical Characteristics Data

### 0603 X7R 1uF 16V(0603B105K160CT)

#### 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

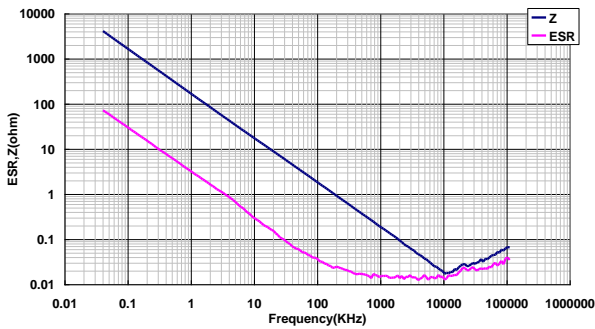
#### 2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	1 (±10%)
DF	≤10%
IR [M-ohm]	≥100

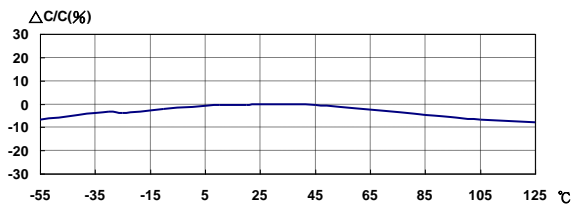
#### 3. Impedance/ESR-Frequency

(Equipment: 4294A)



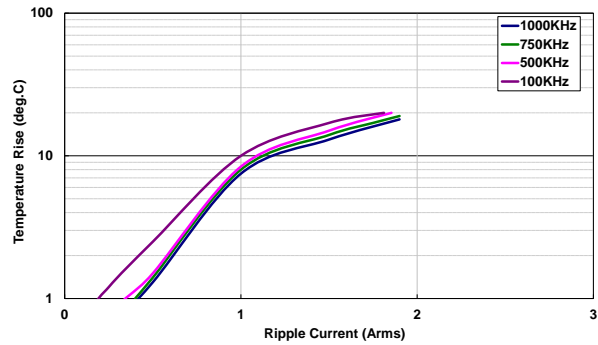
#### 4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



#### 5. Temperature Rise – Ripple Current

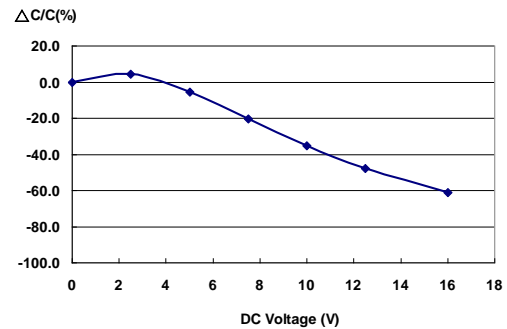
(Equipment: 11810)



#### 6. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

7.5V : -20.53% ; 16V : -61.30%



#### 7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

