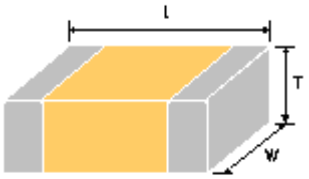
Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0805 X5R 1uF 16V (0805X105K160CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0805(2012)	2.00±0.15	1.25±0.10	1.25±0.10

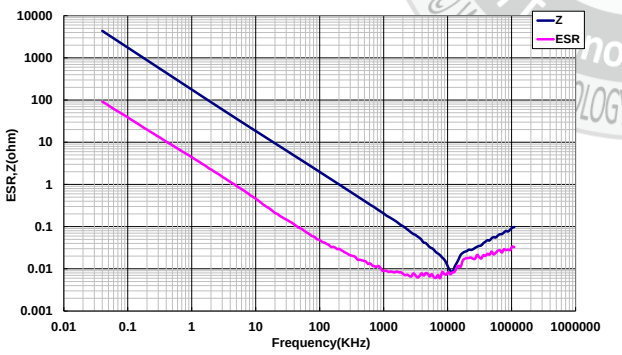
2. Cap, DF, IR @25℃

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

Item	Spec
Cap [uF]	1 (±10%)
DF	≦5%
IR [G-ohm]	≧0.5

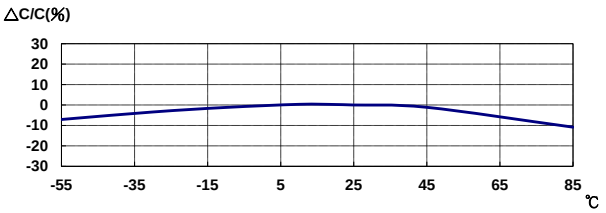
3. Impedance/ESR-Frequency

(Equipment: 4294A)



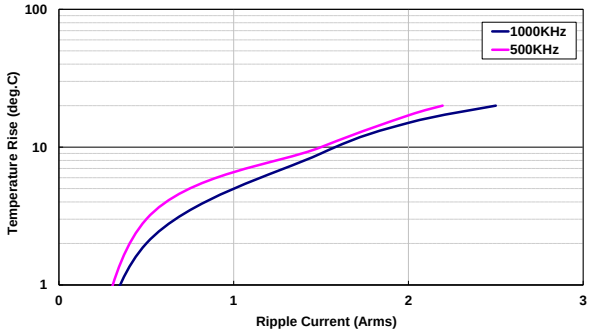
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

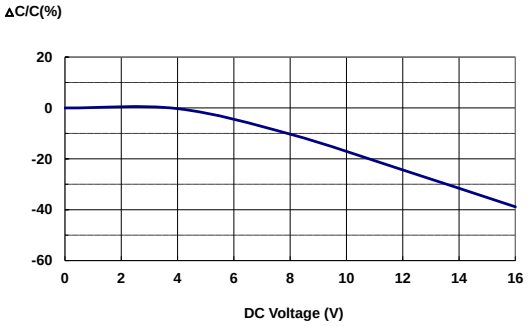
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

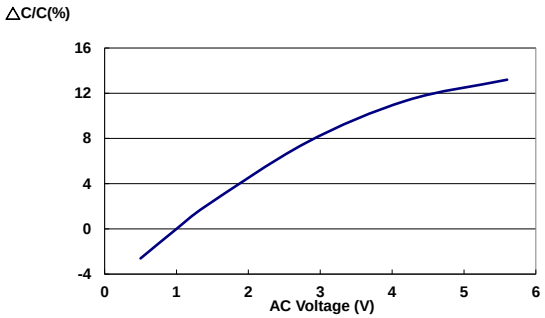
(Equipment: E4980A; DC charge 60±5sec)

7.5V : -10.30% ; 16V : -38.86%



7. Capacitance – AC Voltage Characteristics

(Equipment: E4980)



Last updated : 2020/01/06

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