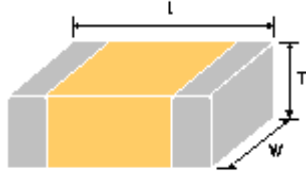


Electrical Characteristics Data

0805 X7R 1.0uF 16V(0805B105K160CT)

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

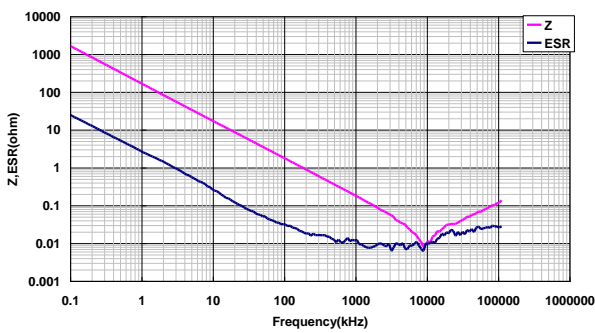
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	1.0 (±10%)
DF	≤5%
IR [M-ohm]	≥500

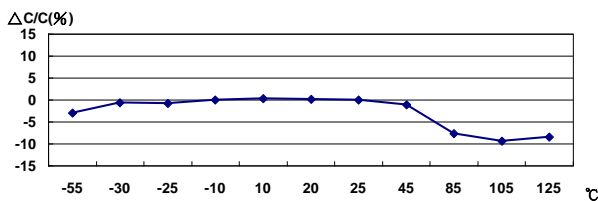
3. Impedance/ESR-Frequency

(Equipment: 4294A)



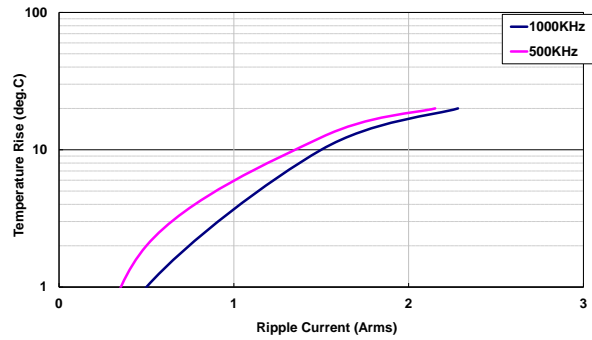
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

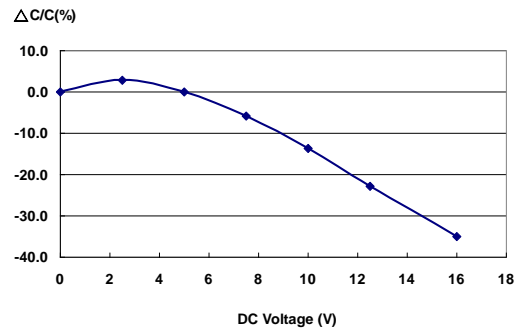
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

(Equipment: 4284A; DC charge 60±5sec)

7.5V :-7.30% ; 16V : -32.5%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4284A)

