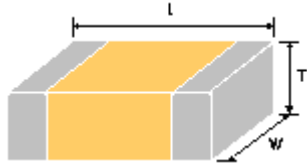


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

**FT 0805 X7R 1uF 16V(FT21B105M160CT)**

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0805 (2012)	2.00±0.20	1.25±0.10	0.85±0.10

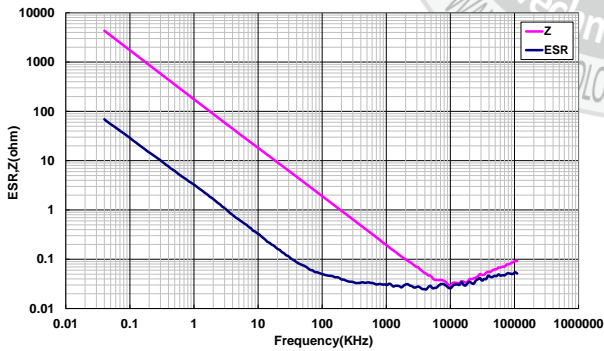
2. Cap, DF, IR @25°C

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

Item	Spec
Cap [uF]	1 (±20%)
DF	≤ 5%
IR [G-ohm]	>0.5

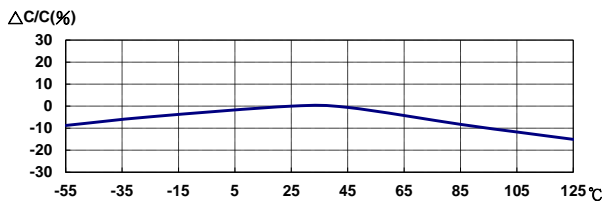
3. Impedance/ESR-Frequency

(Equipment: 4294A)



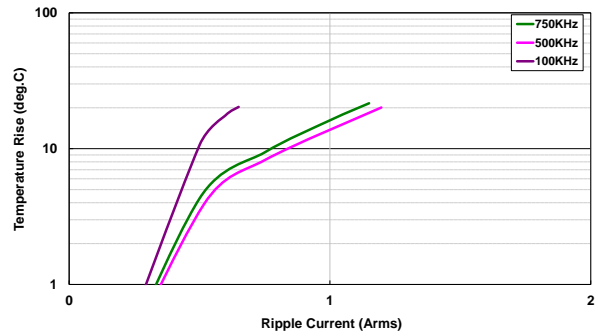
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

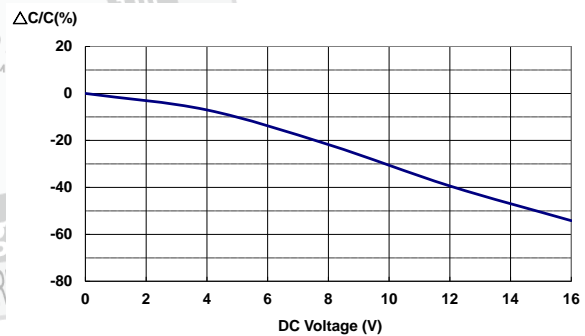
(Equipment: 11810)



6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A; DC charge 60±5sec)

8V : -21.76% ; 16V : -54.17%



7. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)

