

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

1210 X7R 1.0uF 50V(1210B105J500CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
1210 (3225)	3.2±0.30	2.50±0.20	1.25±0.10

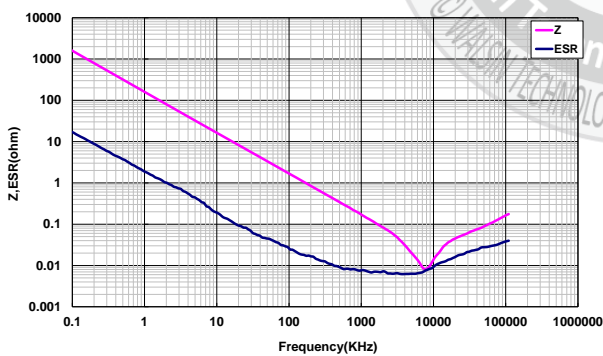
2. Cap, DF, IR @25°C

(Cap, DF @ 1KHz, 1Vrms ; IR @ 50V, 120sec)

Item	Spec
Cap [uF]	1.0 (±5%)
DF	≤ 2.5%
IR [G-ohm]	≥ 0.5

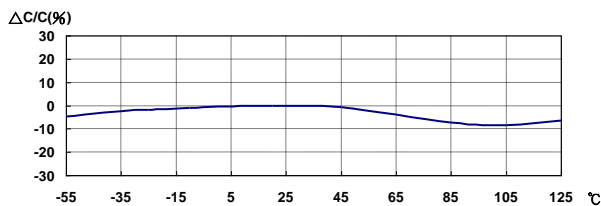
3. Impedance/ESR-Frequency

(Equipment: 4294A)



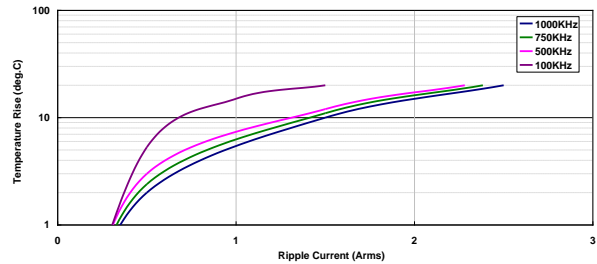
4. Capacitance – Temperature Characteristics

(Equipment: 4284A)



5. Temperature Rise – Ripple Current

(Equipment: 11810)

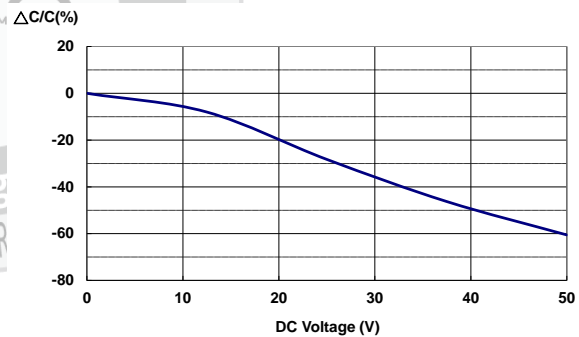


6. Capacitance – DC Voltage Characteristics

(Equipment: 4980A+B1505A+N1259A)

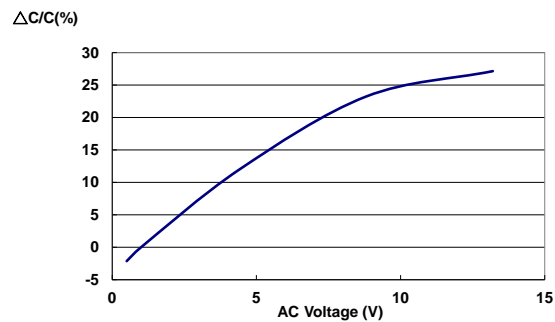
(DC charge 60±5sec)

25V : -28.27% ; 50V : -60.55%



7. Capacitance – AC Voltage Characteristics

(Equipment: E4980A)



Last updated : 2020/3/19