



Multi Layer Ceramic Capacitor (MLCC)

1. Model : CL10A106KQ8NNNC

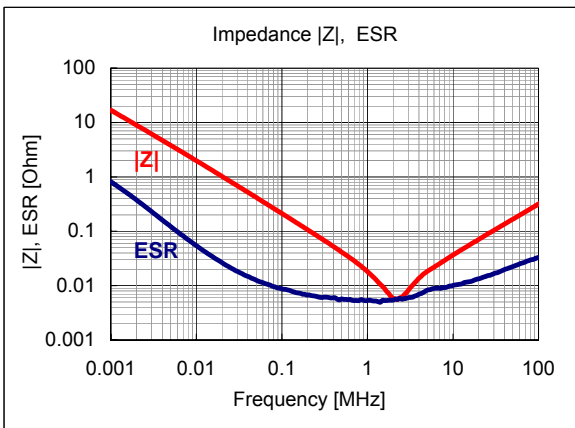
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature characteristics	Capacitance value(uF)	Capacitance tolerance(%)	Voltage (V)
CL10A106KQ8NNNC	0603/1608	0.8mm	X5R	10uF	± 10 %	6.3

3. Characteristics data

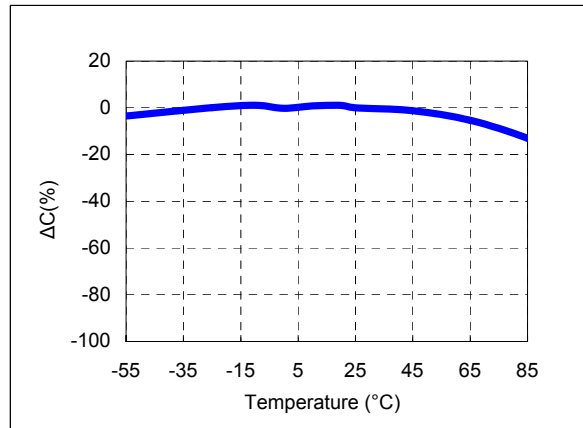
1) Frequency characteristics

Agilent E4294A, 0.5Vrms, 1kHz to 100MHz

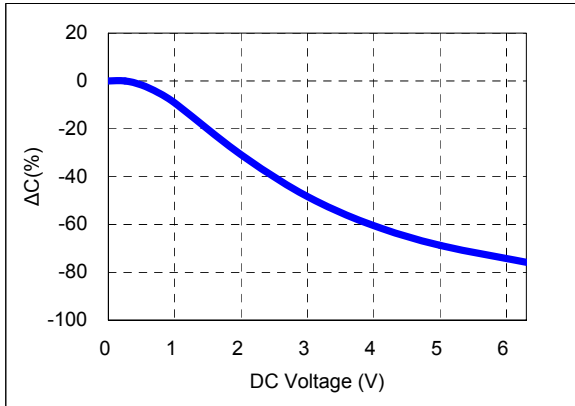


2) Temperature characteristics of capacitance(TCC)

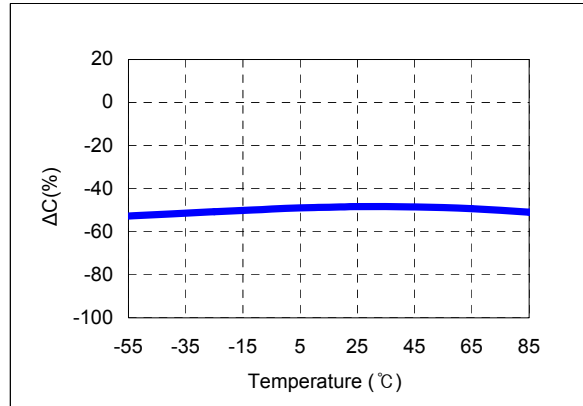
Agilent 4284A, 1kHz, 0.5Vrms



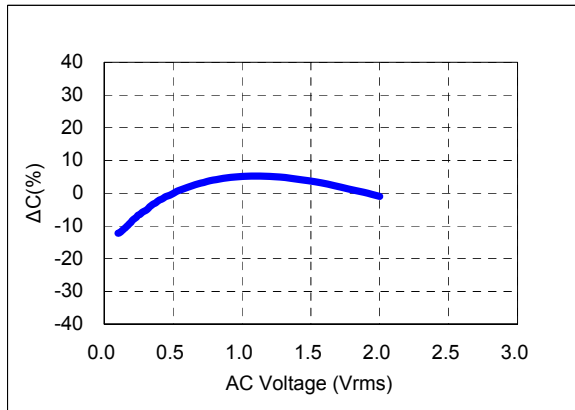
3) DC Bias characteristics (Agilent 4284A, 1kHz, 0.5Vr



4) Bias TCC characteristics (Agilent 4284A, 1kHz, 0.5Vrms, 3.15Vdc)



5) AC voltage characteristics (Agilent 4284A, 1kHz)



6) Ripple Current

