

Multi Layer Ceramic Capacitor (MLCC)

1. Model : CL10B106KQ8NRNC

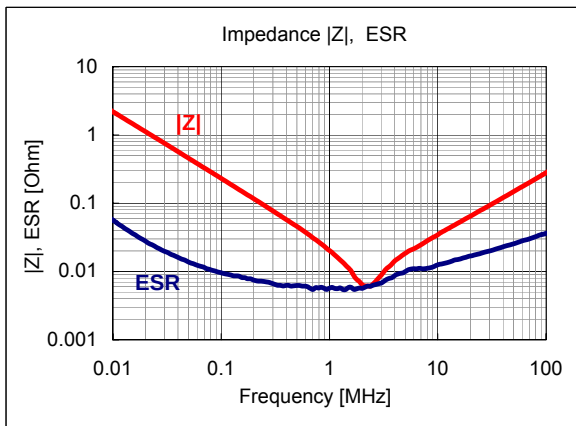
2. Description

Part No.	Size (inch(mm))	Thickness	Temperature Characteristics	Capacitance Value	Capacitance Tolerance	Voltage
CL10B106KQ8NRNC	0603/1608	0.8mm	X7R	10 μ F	$\pm 10\%$	6.3V

3. Characteristics data

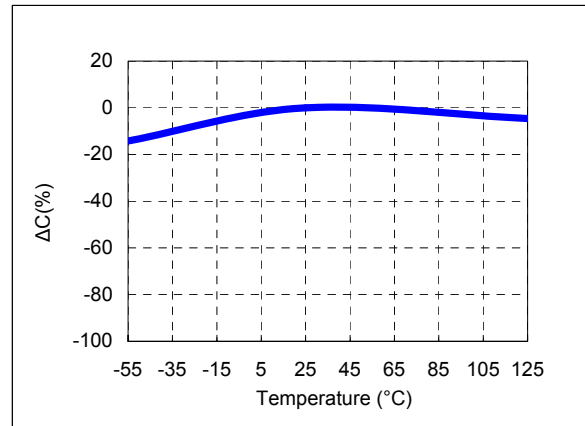
1) Frequency characteristics

Agilent E4294A, 1.0Vrms, 1kHz to 100MHz

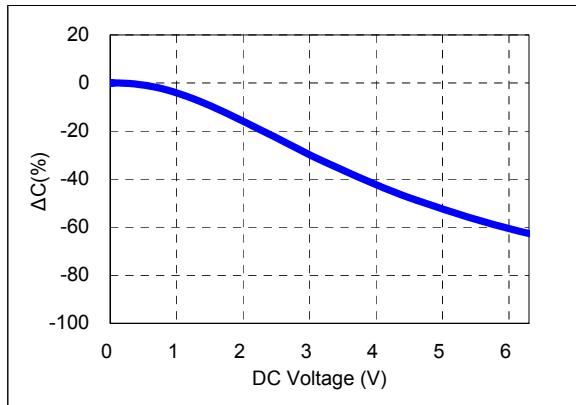


2) Temperature characteristics of capacitance(TCC)

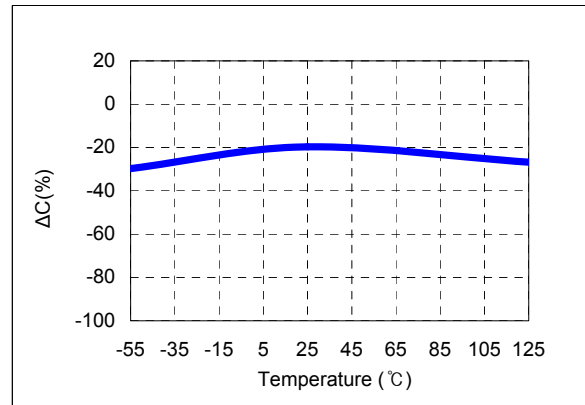
Agilent 4284A, 1kHz, 0.5Vrms



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



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



5) AC Voltage Characteristic: Agilent 4284A, 1kHz

