

# Multi Layer Ceramic Capacitor (MLCC)



1. Model : CL31B103KCCNNNC

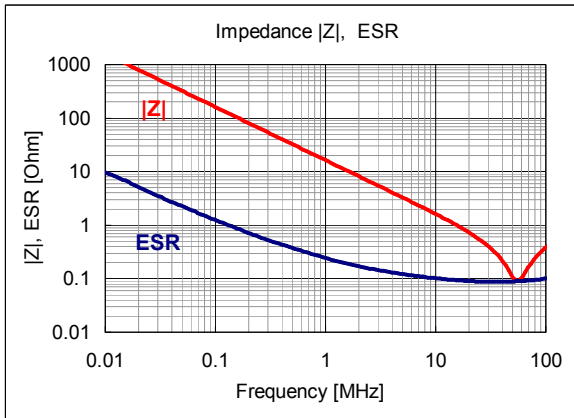
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature characteristics	Capacitance value(uF)	Capacitance tolerance(%)	Voltage (V)
CL31B103KCCNNNC	1206/3216	0.85mm	X7R	10nF	± 10 %	100

3. Characteristics data

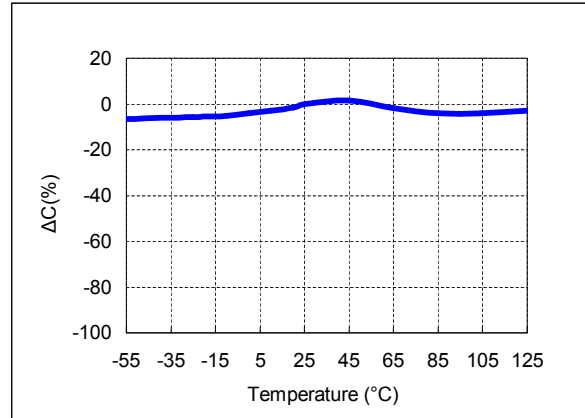
1) Frequency characteristics

Agilent E4294A, 0.5Vrms, 1kHz to 100MHz

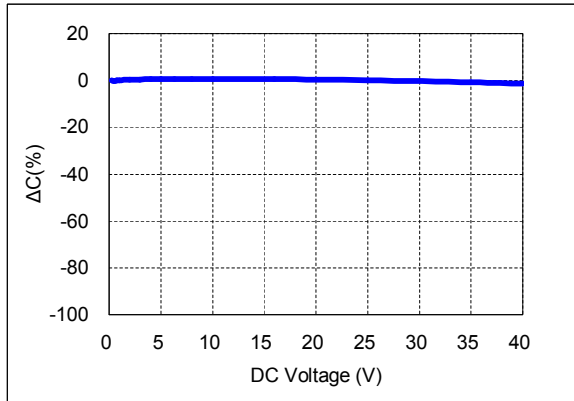


2) Temperature characteristics of capacitance(TCC)

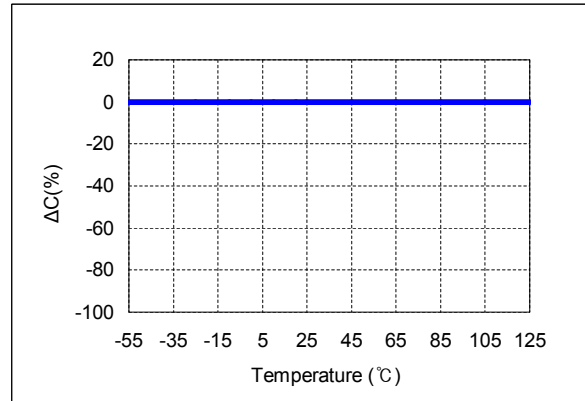
Agilent 4284A, 1kHz, 1Vrms



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



4) Bias TCC characteristics (Agilent 4284A, 1kHz, 1Vrms, 50Vdc)



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

