

# Multi Layer Ceramic Capacitor (MLCC)



1. Model : CL31B103JBCNNNC

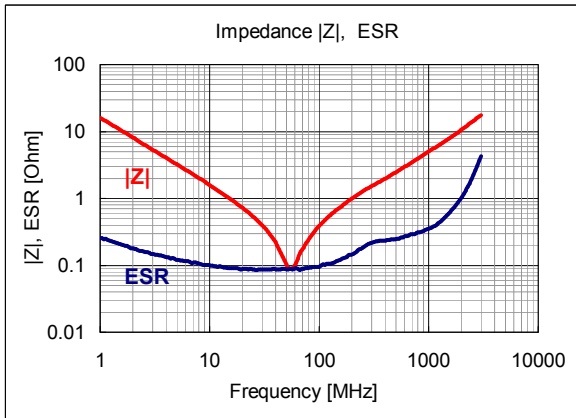
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature characteristics	Capacitance value(uF)	Capacitance tolerance(%)	Voltage (V)
CL31B103JBCNNNC	1206/3216	0.85mm	X7R	10nF	± 5 %	50

3. Characteristics data

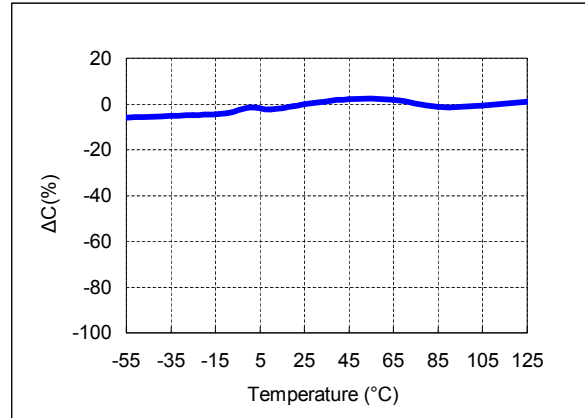
1) Frequency characteristics

Agilent E4991A, 0.5Vrms, 1MHz to 3G

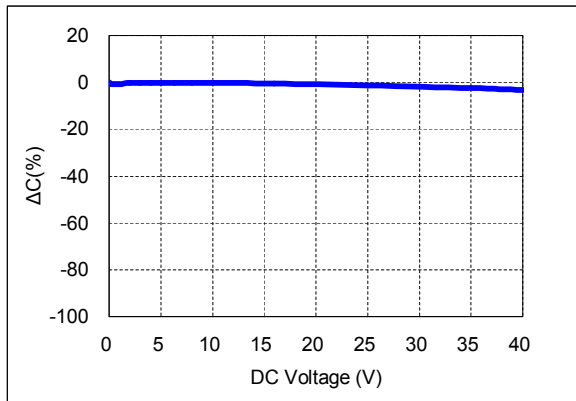


2) Temperature characteristics of capacitance(TCC)

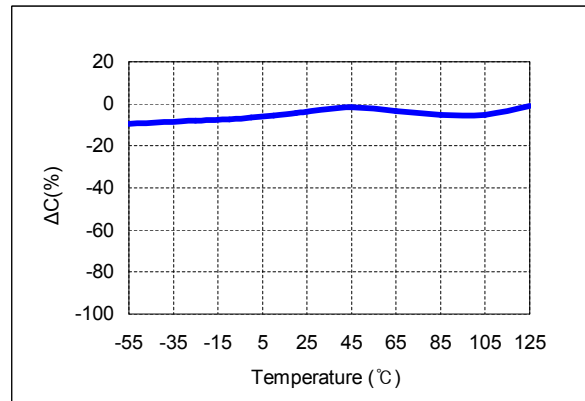
Agilent 4284A, 1kHz, 1Vrms



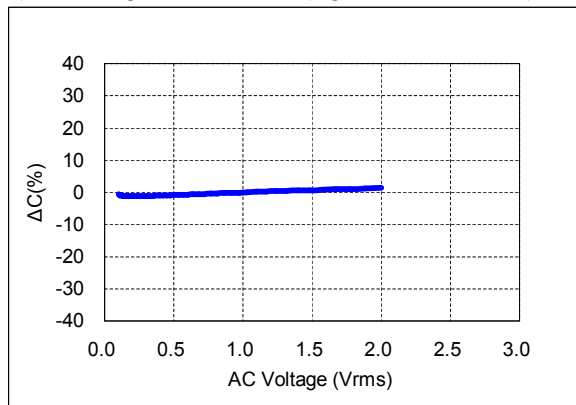
3) DC Bias characteristics (Agilent 4284A, 1kHz, 1Vrms)



4) Bias TCC characteristics (Agilent 4284A, 1kHz, 1Vrms, 25Vdc)



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



6) Ripple Current