

Multi Layer Ceramic Capacitor (MLCC)



1. Model : CL31B682KGFNNNE

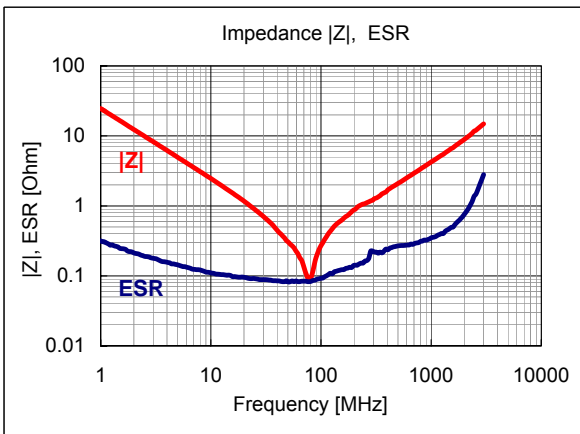
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature characteristics	Capacitance value(uF)	Capacitance tolerance(%)	Voltage (V)
CL31B682KGFNNNE	1206/3216	1.25mm	X7R	6.8nF	± 10 %	500

3. Characteristics data

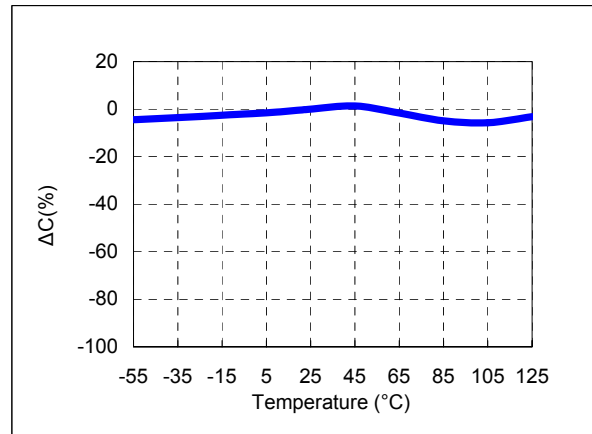
1) Frequency characteristics

Agilent E4991A, 0.5Vrms, 1MHz to 3GHz

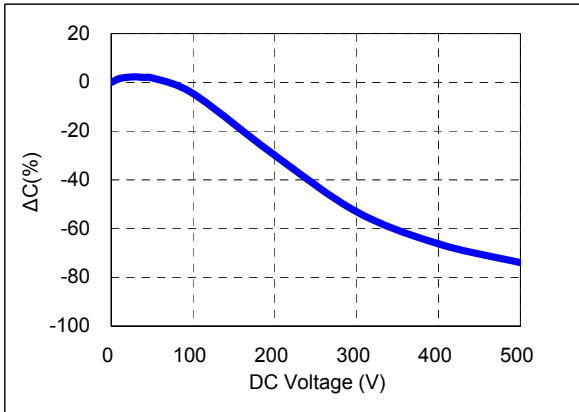


2) Temperature characteristics of capacitance(TCC)

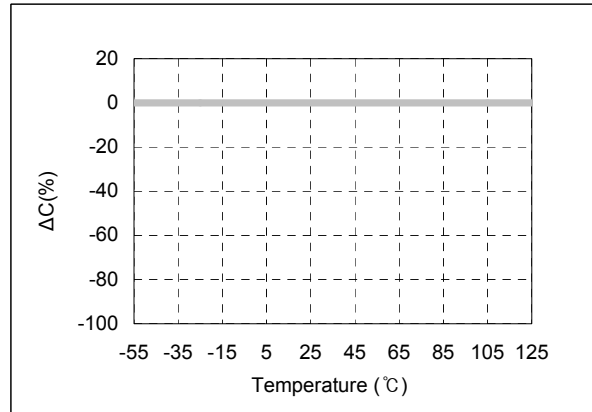
Agilent 4284A, 1KHz, 1Vrms



3) DC Bias characteristics (Quadtech 7600,1kHz, 1Vrms)



4) Bias TCC characteristics (Agilent 4284A, 1KHz, 1Vrms, 250Vdc)



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

