

Multi Layer Ceramic Capacitor (MLCC)



1. Model : CL31B104KCFNNNE

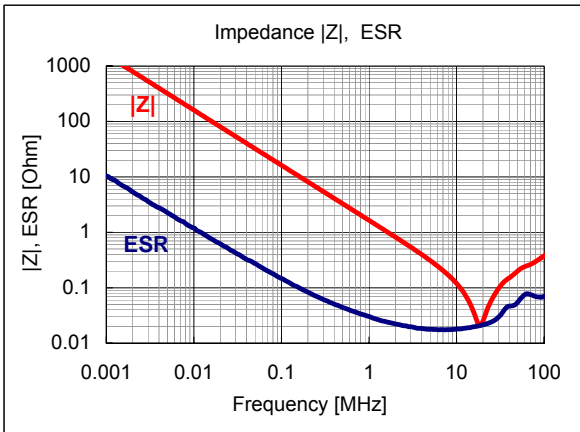
2. Description

| Part no. | Size (inch(mm)) | Thickness (mm) | Temperature characteristics | Capacitance value | Capacitance tolerance(%) | Voltage (V) |
|-----------------|-----------------|----------------|-----------------------------|-------------------|--------------------------|-------------|
| CL31B104KCFNNNE | 1206/3216 | 1.25mm | X7R | 100nF | ± 10 % | 100 |

3. Characteristics data

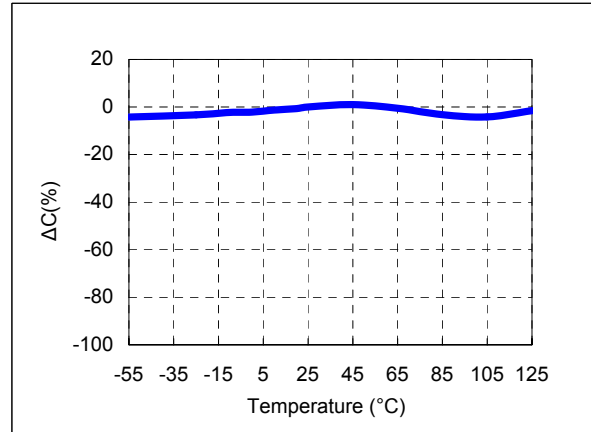
1) Frequency characteristics

Agilent E4294A, 0.5Vrms, 1kHz to 100MHz

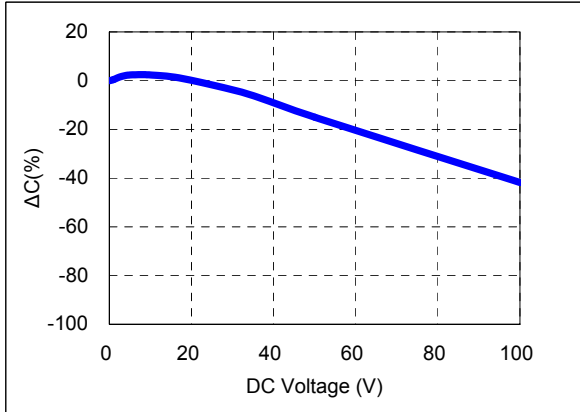


2) Temperature characteristics of capacitance(TCC)

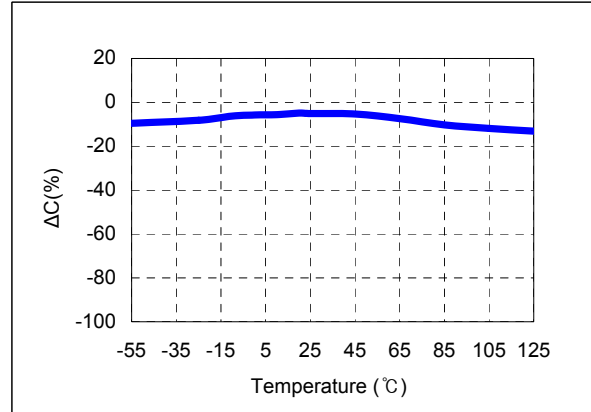
Agilent 4284A, 1kHz, 1Vrms



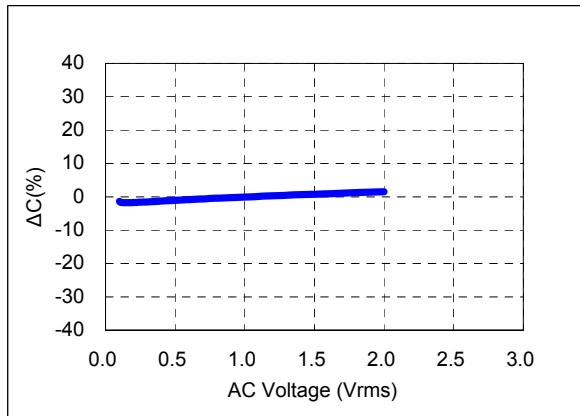
3) DC Bias characteristics (Quadtech 7600,1kHz, 1Vrms)



4) Bias TCC characteristics (Agilent 4284A, 1kHz, 1Vrms, 40Vdc)



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



6) Ripple Current

