SAMSUNG ELECTRO-MECHANICS

Multi Layer Ceramic Capacitor (MLCC)

RoHS+Halogen Compliant

1. Model : CL31B106KAHNFNE

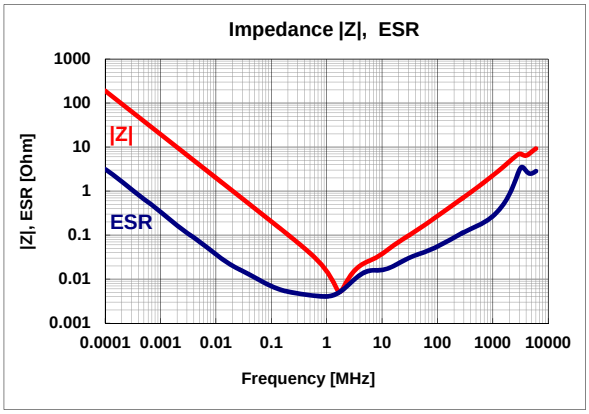
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature charateristics	Capacitance value	Capacitance tolerance(%)	Voltage (V)
CL31B106KAHNFNE	1206/3216	1.6mm	X7R	10uF	± 10 %	25

3. Characteristics data

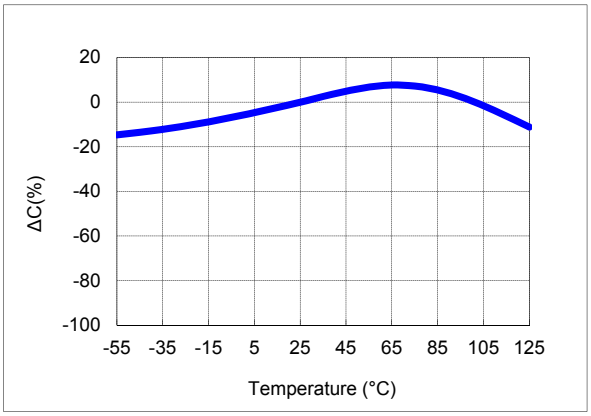
1) Frequency characteristics

Network Analyzer 8753E, 100Hz to 6GHz

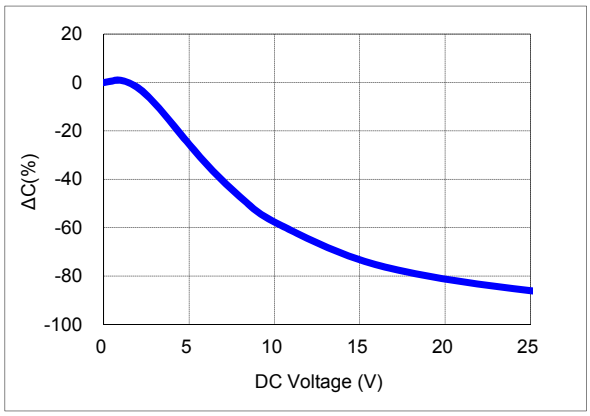


2) Temperature characteristics of capacitance(TCC)

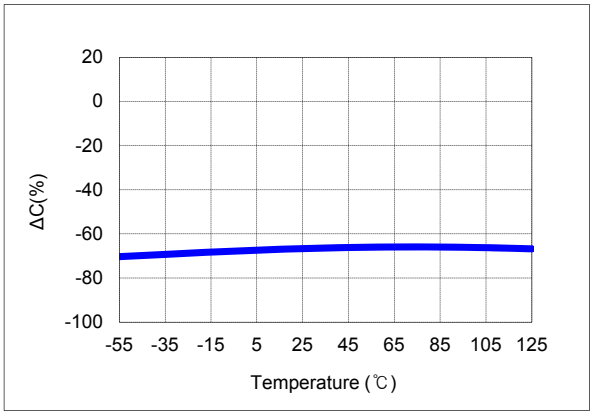
Agilent E4980A, 1kHz, 0.5Vrms



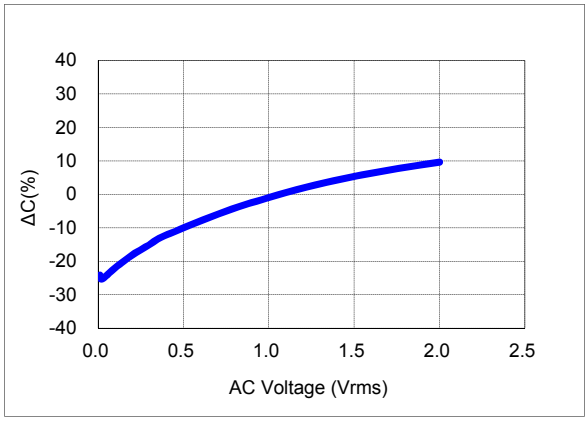
3) DC Bias characteristics (Agilent E4980A, 1kHz, 1.0Vrms)



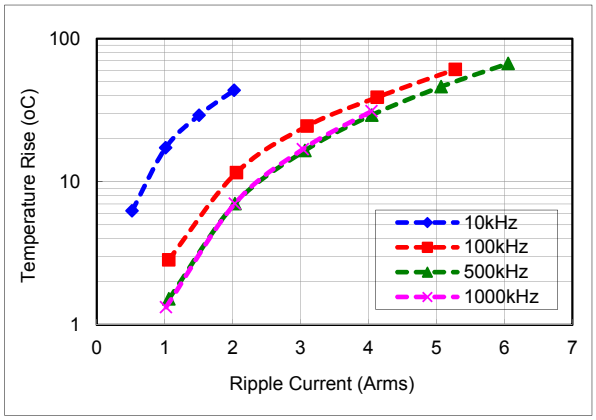
4) Bias TCC characteristics (Agilent E4980A, 1kHz, 1.0Vrms, 12.5Vdc)



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



6) Ripple Current



Any data in this sheet are subject to change, modify or discontinue without notice.
The data sheets include the typical data for design reference only. If there is any question regarding the data sheets, please contact our sales personnel or application engineers.