SAMSUNG ELECTRO-MECHANICS

Multi Layer Ceramic Capacitor (MLCC)

RoHS+Halogen Compliant ecoparts

1. Model : CL21B103KB6WPNC

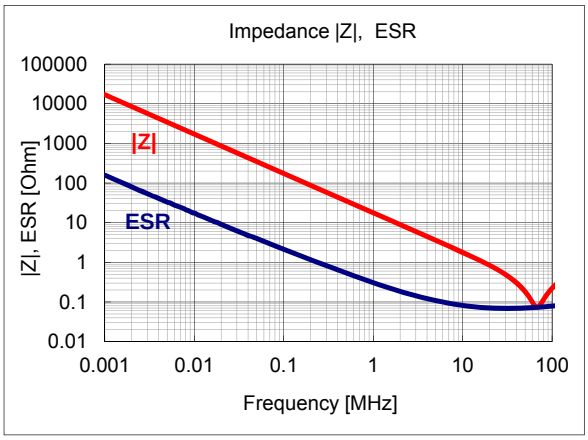
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature charateristics	Capacitance value	Capacitance tolerance(%)	Voltage (V)
CL21B103KB6WPNC	0805/2012	0.6mm	X7R	10nF	± 10 %	50

3. Characteristics data

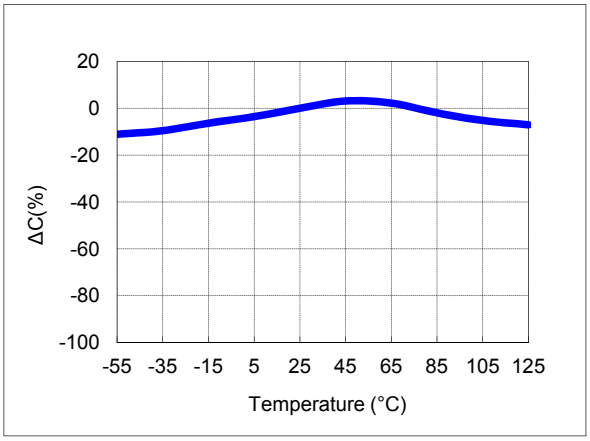
1) Frequency characteristics

Agilent E4294A, 0.5Vrms, 1KHz to 110MHz

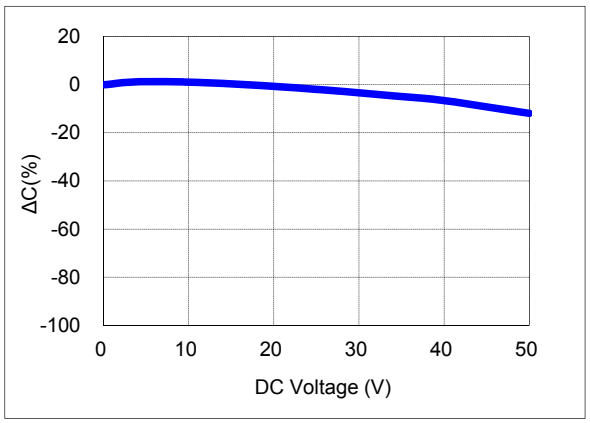


2) Temperature characteristics of capacitance(TCC)

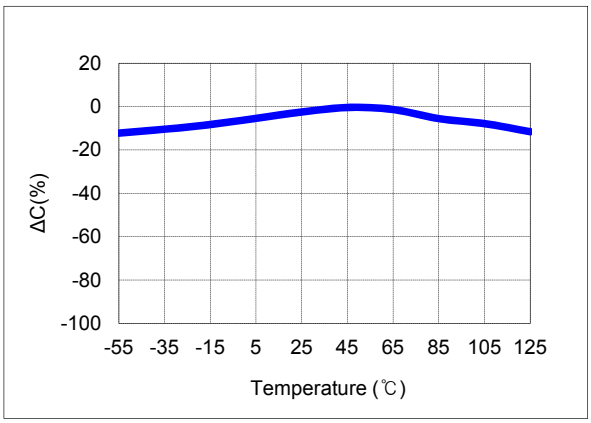
Agilent 4284A, 1kHz, 1.0Vrms



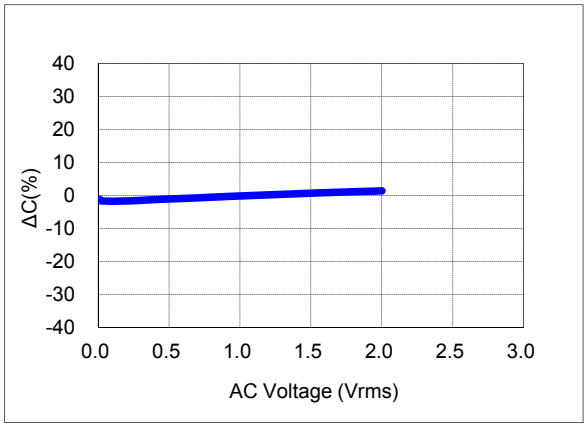
3) DC Bias characteristics (Quadtech 7600,1kHz, 1Vrms)



4) Bias TCC characteristics (Agilent 4284A, 1kHz, 1.0Vrms, 25Vdc)



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



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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