



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Multi Layer Ceramic Capacitor (MLCC)

1. Model : CL05B822KB5NNNC

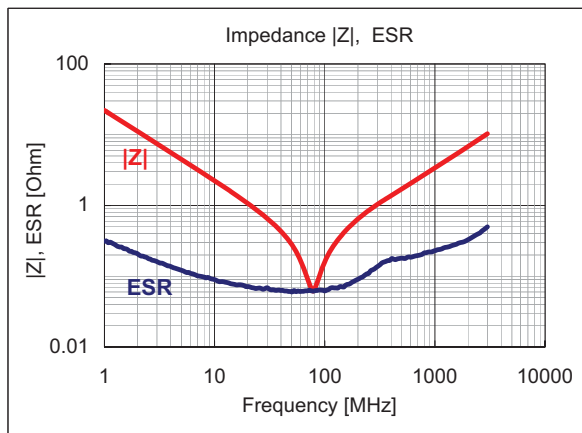
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature characteristics	Capacitance value	Capacitance tolerance(%)	Voltage (V)
CL05B822KB5NNNC	0402/1005	0.5mm	X7R	8.2nF	± 10 %	50

3. Characteristics data

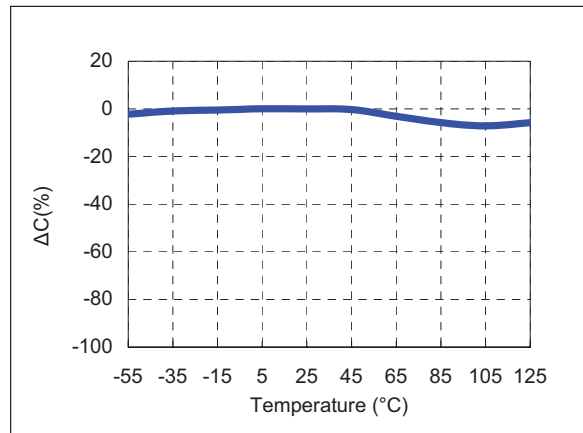
1) Frequency characteristics

Agilent E4991A, 0.5Vrms, 1MHz to 3GHz

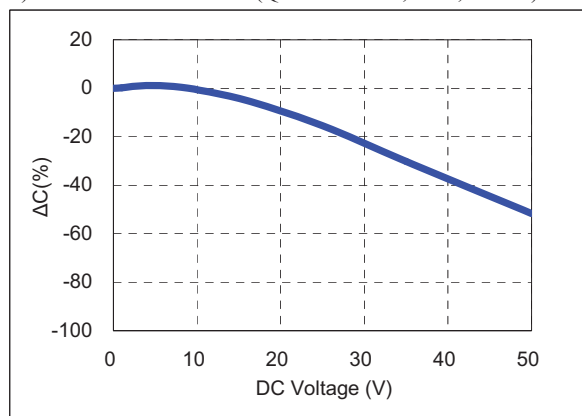


2) Temperature characteristics of capacitance(TCC)

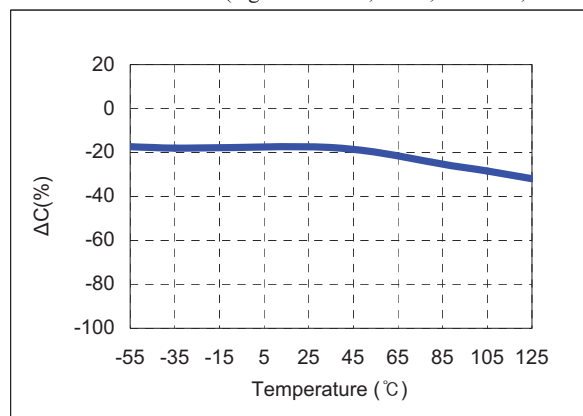
Agilent 4284A, 1kHz, 1.0Vrms



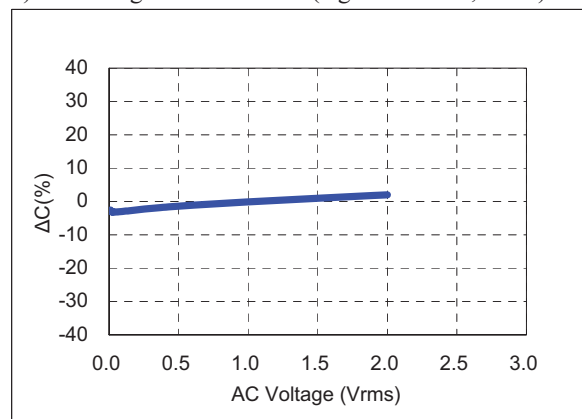
3) DC Bias characteristics (Quadtech 7600, 1kHz, 1Vrms)



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