SAMSUNG ELECTRO-MECHANICS

Multi Layer Ceramic Capacitor (MLCC)

RoHS+Halogen Compliant

1. Model : CL05B224KO5NNND

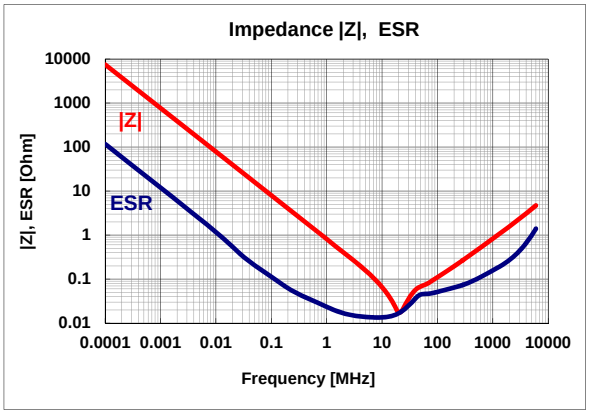
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature charateristics	Capacitance value	Capacitance tolerance(%)	Voltage (V)
CL05B224KO5NNND	0402/1005	0.5mm	X7R	220nF	± 10 %	16

3. Characteristics data

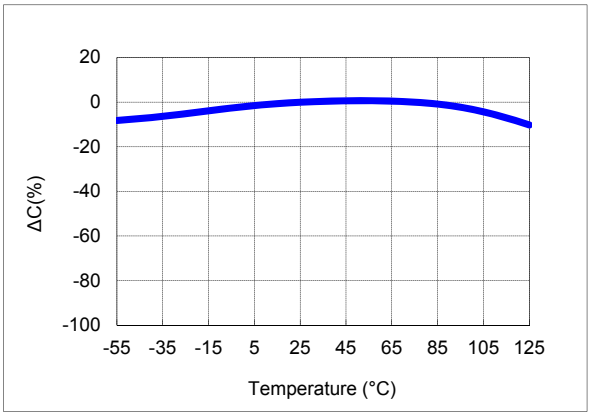
1) Frequency characteristics

Network Analyzer 8753E, 100Hz to 6GHz

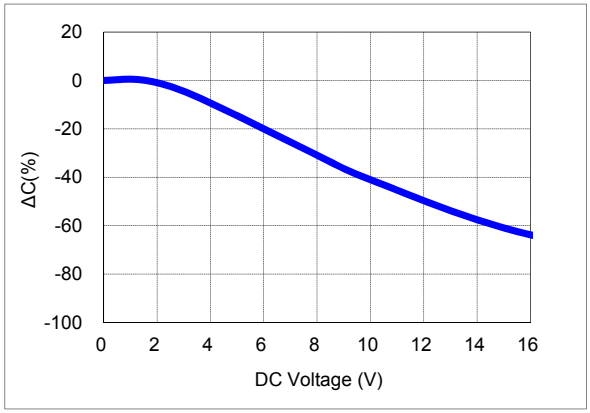


2) Temperature characteristics of capacitance(TCC)

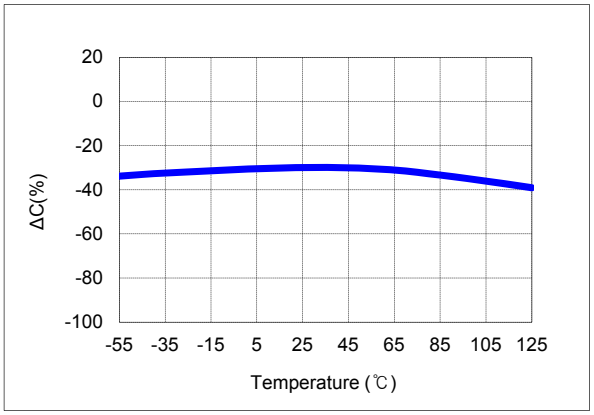
Agilent E4980A, 1kHz, 0.5Vrms



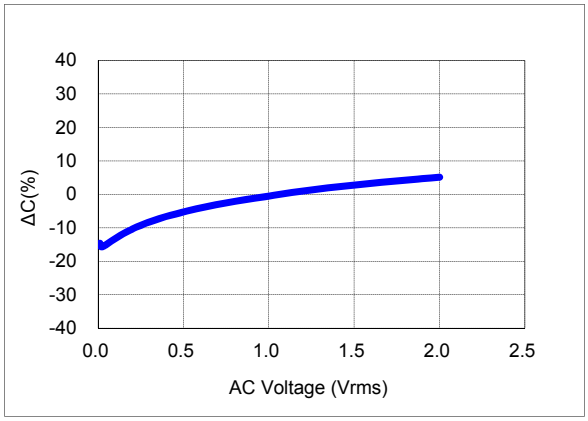
3) DC Bias characteristics (Agilent E4980A, 1kHz, 1.0Vrms)



4) Bias TCC characteristics (Agilent E4980A, 1kHz, 1.0Vrms, 8Vdc)



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.