

Multi Layer Ceramic Capacitor (MLCC)

1. Model : CL05B105KQ5QNCW

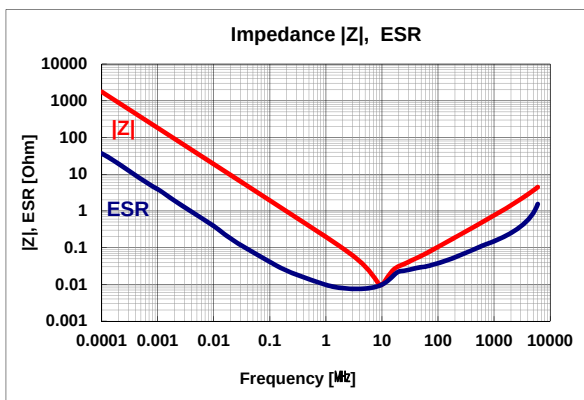
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature characteristics	Capacitance value	Capacitance tolerance(%)	Voltage (V)
CL05B105KQ5QNCW	0402/1005	0.5mm	X7R	1uF	± 10 %	6.3

3. Characteristics data

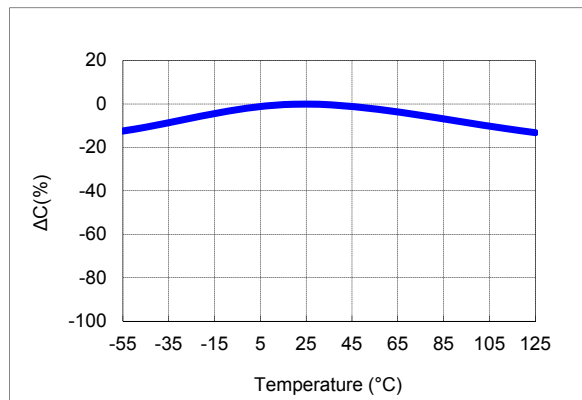
1) Frequency characteristics

Network Analyzer 8753E, 30kHz to 6GHz

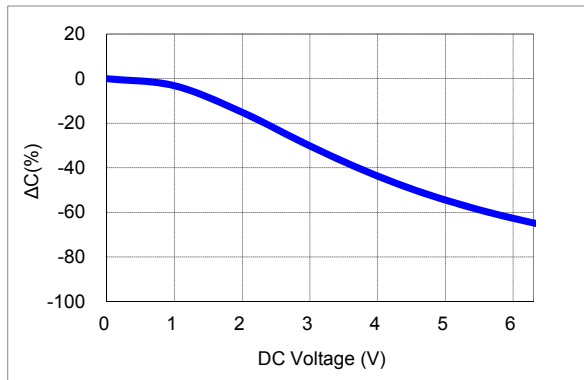


2) Temperature characteristics of capacitance(TCC)

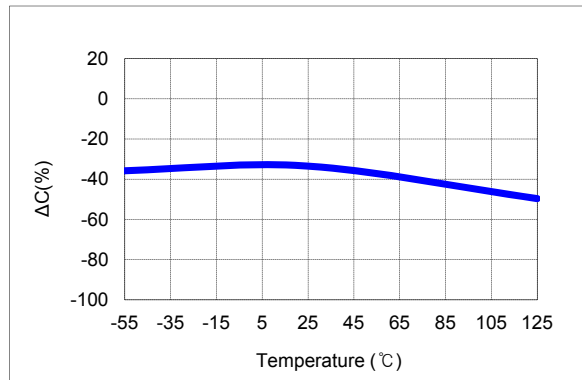
Agilent E4980A, 1kHz, 0.1Vrms



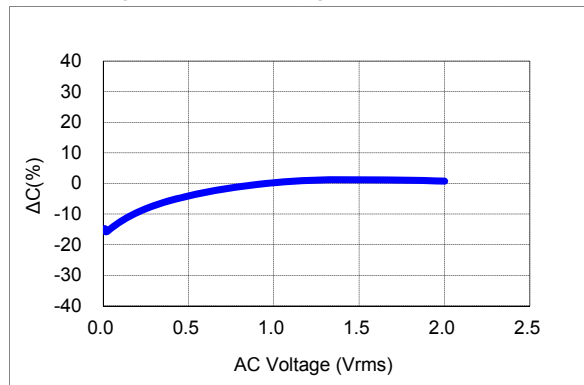
3) DC Bias characteristics (Agilent 4284A, 1kHz, 1.0Vrms)



4) Bias TCC characteristics (Agilent E4980A, 1kHz, 1.0Vrms, 3.15Vdc)



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



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