

# Multi Layer Ceramic Capacitor (MLCC)



1. Model : CL10A105KB8NNNC

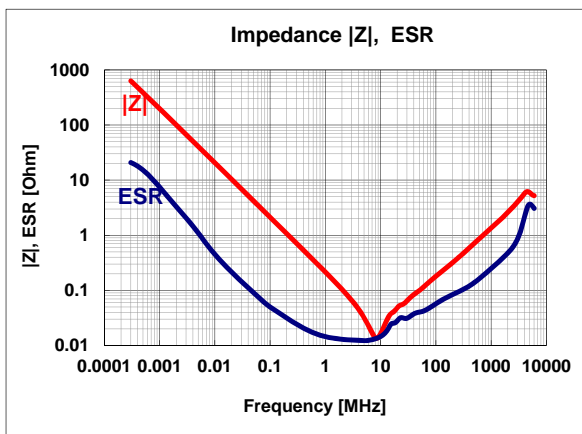
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature characteristics	Capacitance value	Capacitance tolerance(%)	Voltage (V)
CL10A105KB8NNNC	0603/1608	0.8mm	X5R	1uF	± 10 %	50

3. Characteristics data

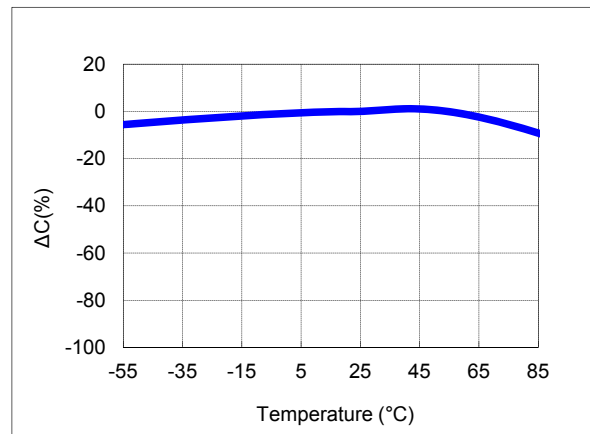
1) Frequency characteristics

Network Analyzer 8753E, 300Hz to 6GHz

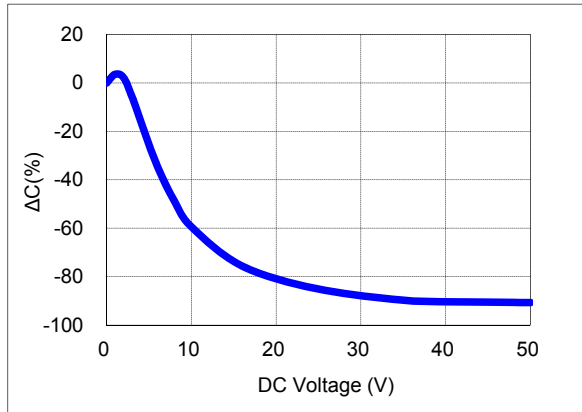


2) Temperature characteristics of capacitance(TCC)

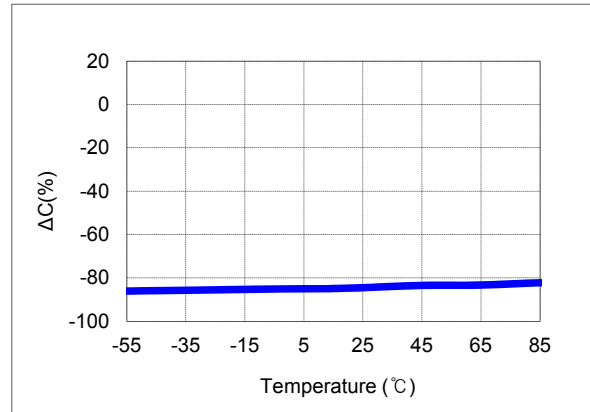
Agilent 4284A, 1kHz, 1Vrms



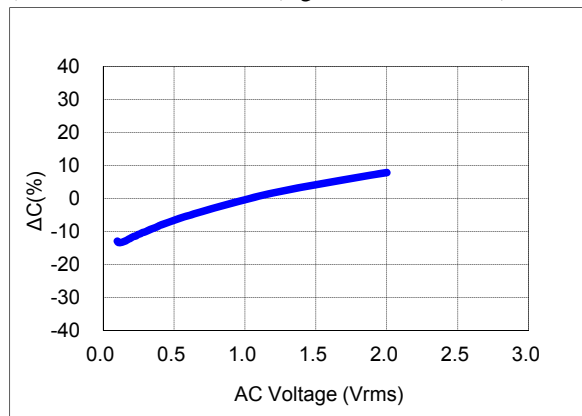
3) DC Bias characteristics (Quadtech 7600,1kHz, 1Vrms)



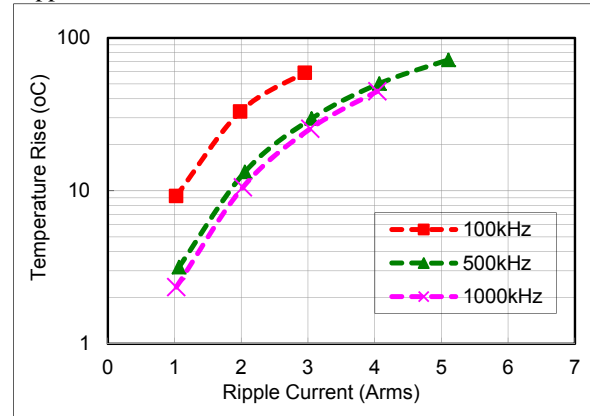
4) Bias TCC characteristics (Agilent 4284A, 1kHz, 1Vrms, 25Vdc)



5) AC Bias 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