



# Multi Layer Ceramic Capacitor (MLCC)



1. Model : CL10B682KB8NNNC

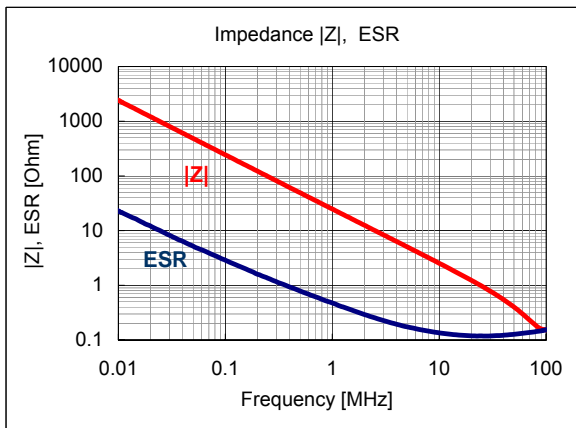
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature characteristics	Capacitance value	Capacitance tolerance(%)	Voltage (V)
CL10B682KB8NNNC	0603/1608	0.8mm	X7R	6.8nF	± 10 %	50

3. Characteristics data

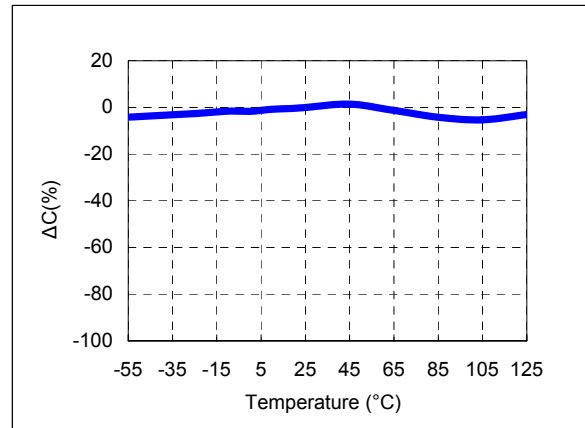
1) Frequency characteristics

Agilent E4294A, 0.5Vrms, 1kHz to 100MHz

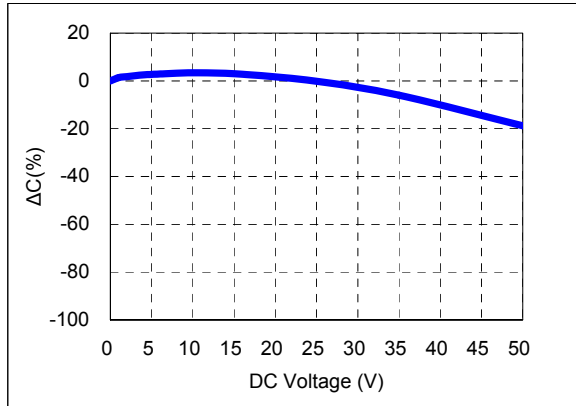


2) Temperature characteristics of capacitance(TCC)

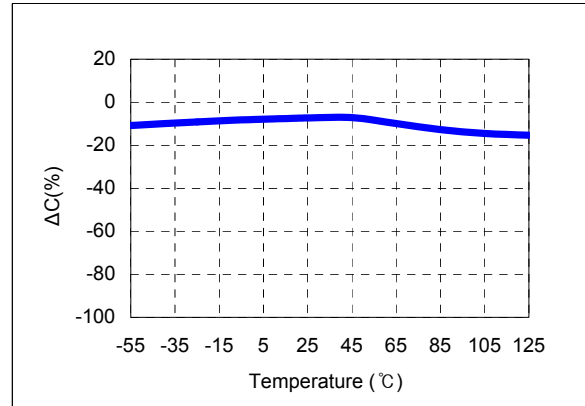
Agilent 4284A, 1kHz, 1Vrms



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



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



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

