

# Multi Layer Ceramic Capacitor (MLCC)



1. Model : CL10A475KQ8NNND

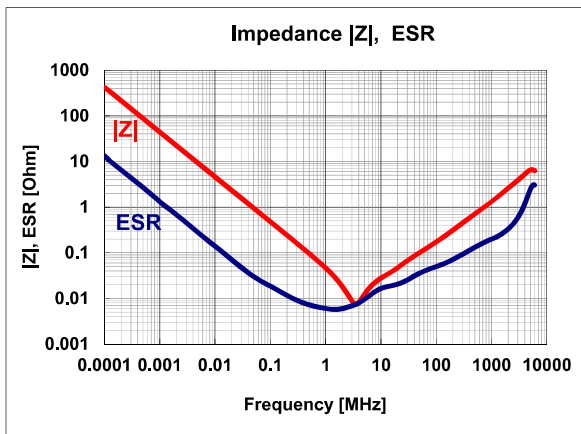
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature characteristics	Capacitance value	Capacitance tolerance(%)	Voltage (V)
CL10A475KQ8NNND	0603/1608	0.8mm	X5R	4.7uF	± 10 %	6.3

3. Characteristics data

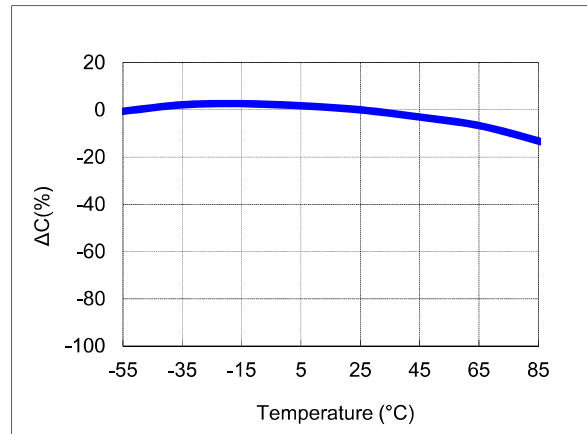
1) Frequency characteristics

Network Analyzer 8753E, 100Hz to 6GHz

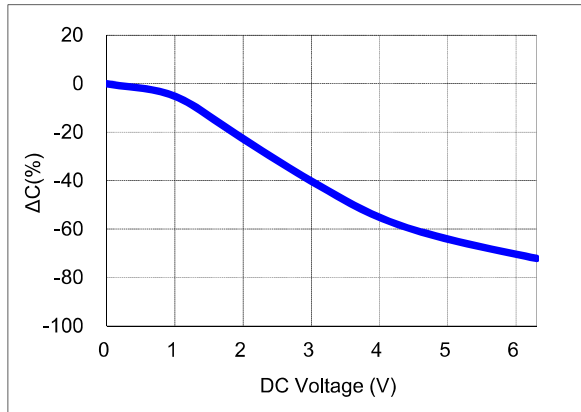


2) Temperature characteristics of capacitance(TCC)

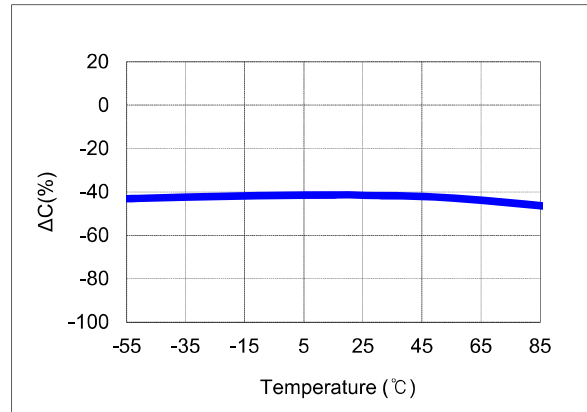
Agilent 4284A, 1kHz, 1Vrms



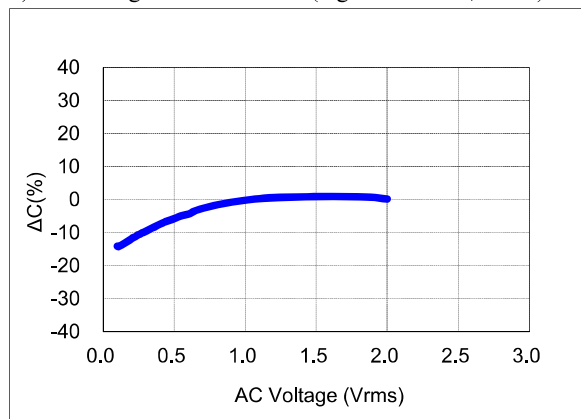
3) DC Bias characteristics (Agilent 4284A, 1kHz, 1Vrms)



4) Bias TCC characteristics (Agilent 4284A, 1kHz, 1Vrms, 3.15Vdc)



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



6) Ripple Current

