

# Multi Layer Ceramic Capacitor (MLCC)

1. Model : CL21Y105KCYVPNE

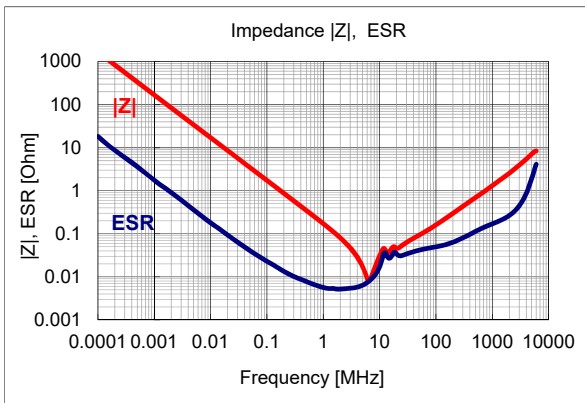
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature characteristics	Capacitance value	Capacitance tolerance(%)	Voltage (V)
CL21Y105KCYVPNE	0805/2012	1.25mm	X7S	1uF	± 10 %	100

3. Characteristics data

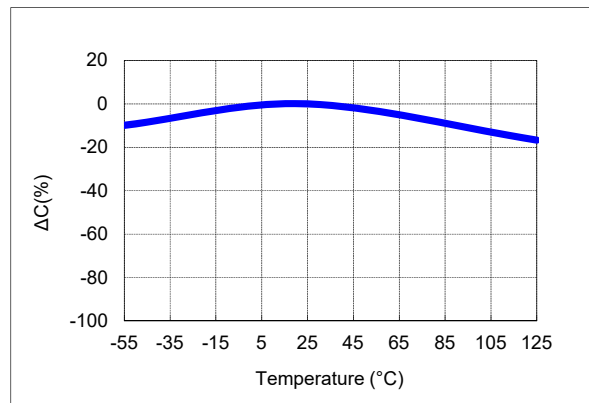
1) Frequency characteristics

Network Analyzer 100Hz to 6GHz

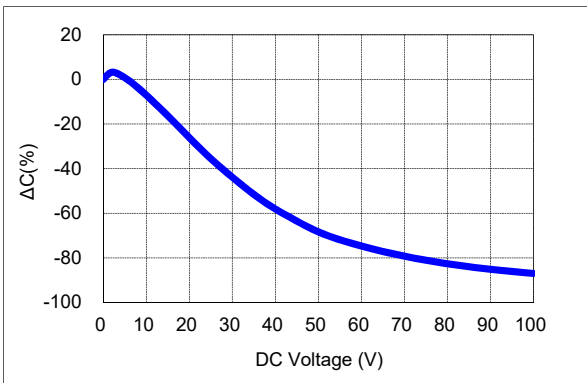


2) Temperature characteristics of capacitance(TCC)

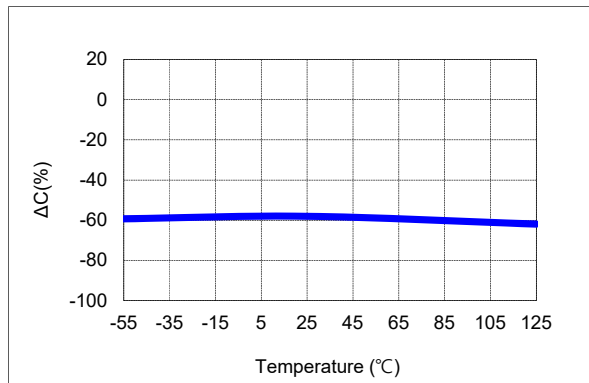
Agilent E4980A, 1kHz, 1.0Vrms



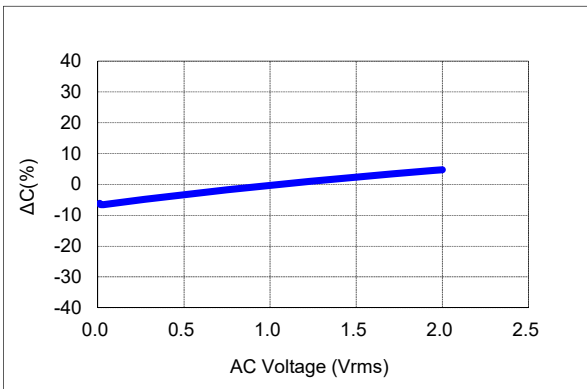
3) DC Bias characteristics (Quadtech 7600,1kHz, 1Vrms)



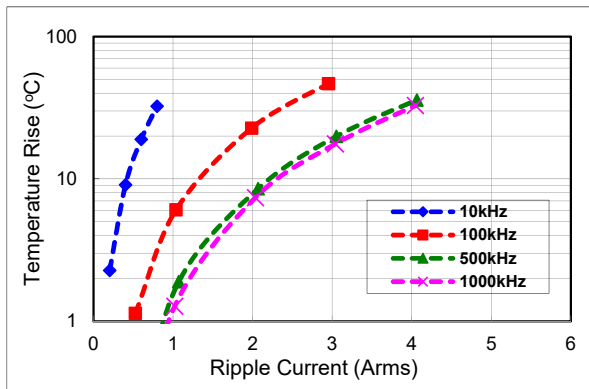
4) Bias TCC characteristics (Agilent E4980A, 1kHz, 1.0Vrms, 40Vdc)



5) AC voltage characteristics (Agilent 4890A, 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