SAMSUNG ELECTRO-MECHANICS

Multi Layer Ceramic Capacitor (MLCC)

RoHS+Halogen Compliant ecoparts

1. Model : CL21B474KBFNFNE

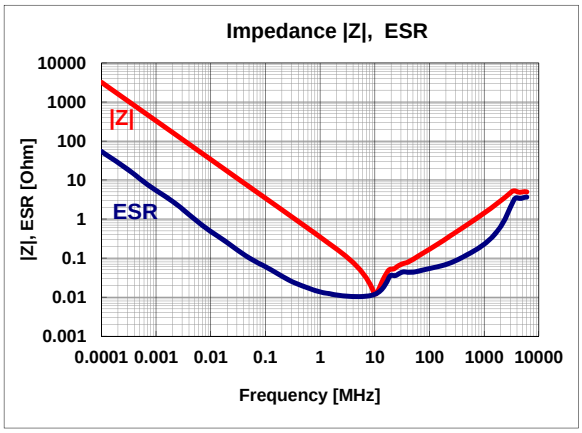
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature charateristics	Capacitance value	Capacitance tolerance(%)	Voltage (V)
CL21B474KBFNFNE	0805/2012	1.25mm	X7R	470nF	± 10 %	50

3. Characteristics data

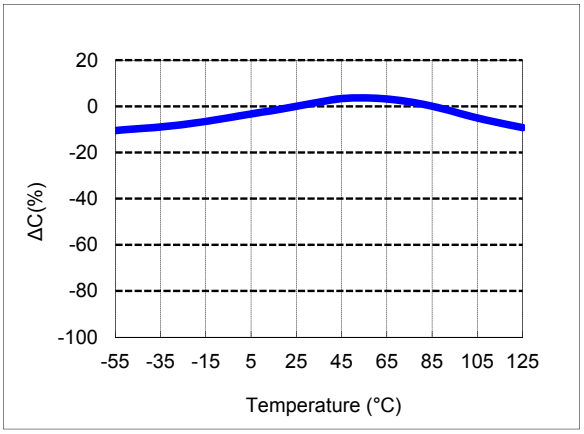
1) Frequency characteristics

Network Analyzer 8753E, 100Hz to 6GHz

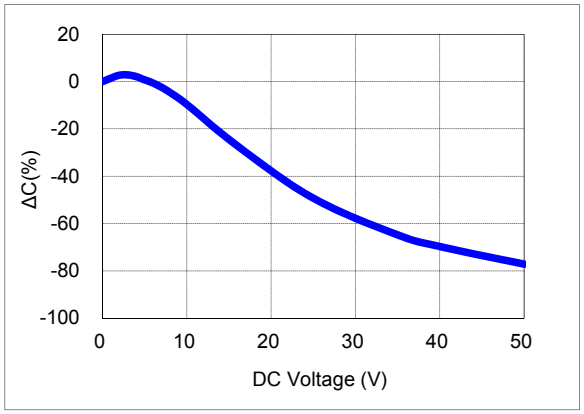


2) Temperature characteristics of capacitance(TCC)

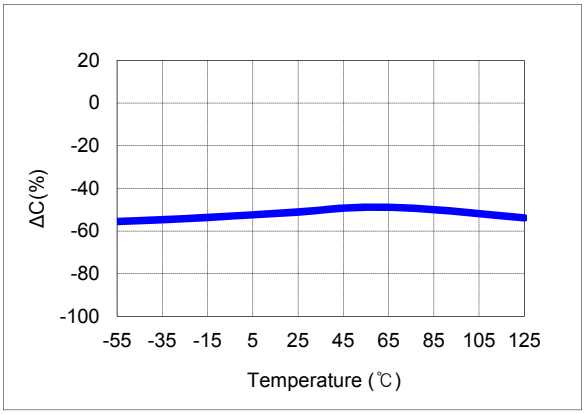
Agilent 4284A, 1kHz, 1Vrms



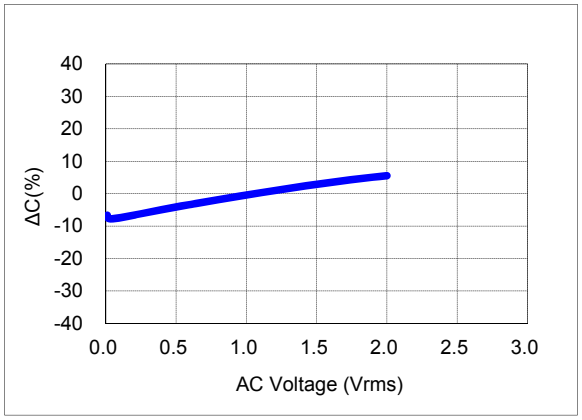
3) DC Bias characteristics (Quadtech 7600,1kHz, 1Vrms)



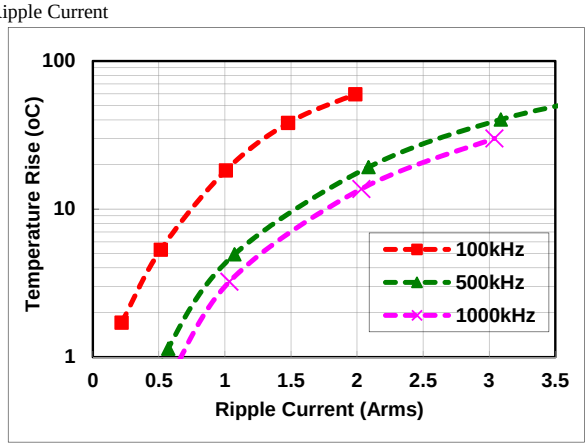
4) Bias TCC characteristics (Agilent 4284A, 1kHz, 1Vrms, 25Vdc)



5) AC voltage 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.