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# Multi Layer Ceramic Capacitor (MLCC)

1. Model : CL31B226MPHNNNE

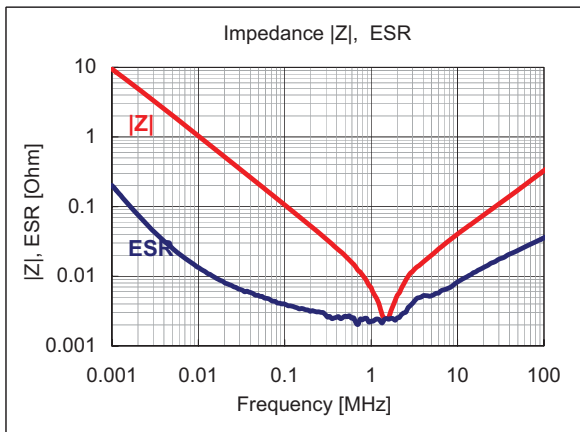
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature characteristics	Capacitance value	Capacitance tolerance(%)	Voltage (V)
CL31B226MPHNNNE	1206/3216	1.6mm	X7R	22uF	± 20 %	10

3. Characteristics data

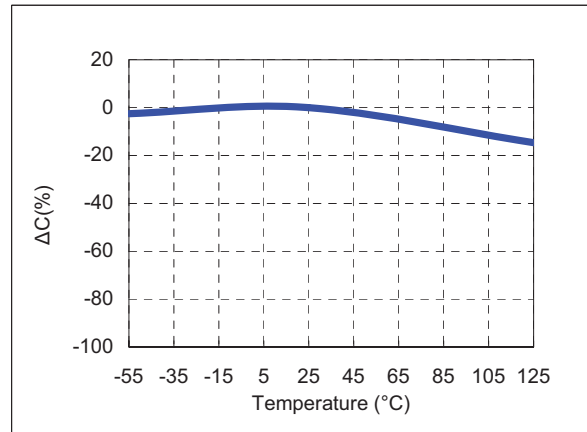
1) Frequency characteristics

Agilent E4294A, 0.5Vrms, 1kHz to 100MHz

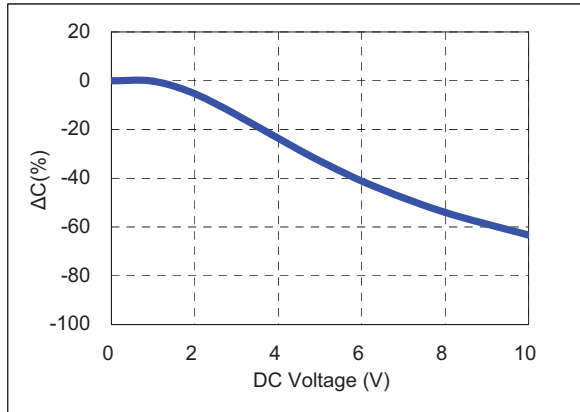


2) Temperature characteristics of capacitance(TCC)

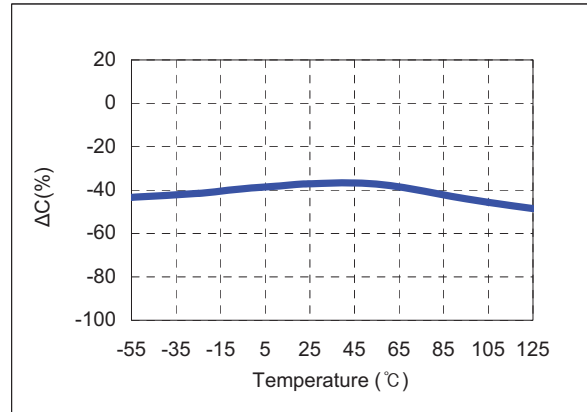
Agilent 4284A, 120Hz, 0.5Vrms



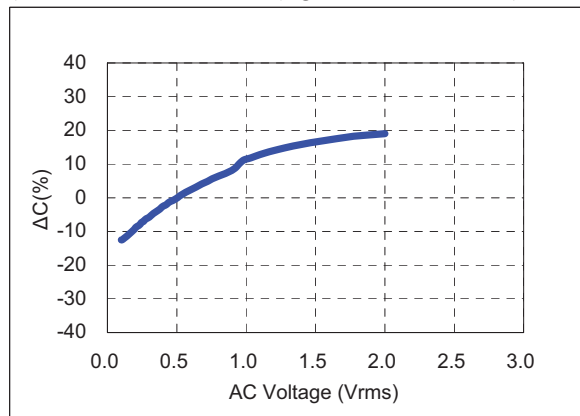
3) DC Bias characteristics (Agilent 4284A, 120Hz, 0.5Vrms)



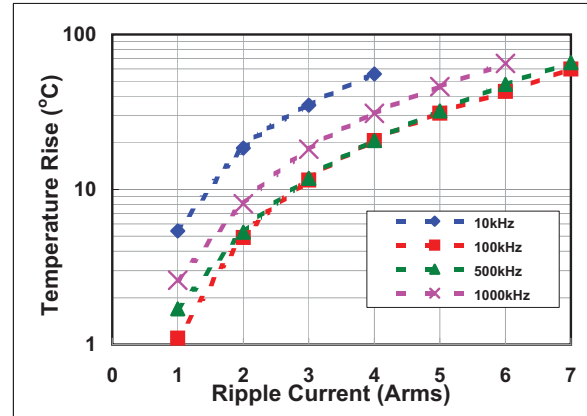
4) Bias TCC characteristics (Agilent 4284A, 120Hz, 0.5Vrms, 5Vdc)



5) AC Bias characteristics (Agilent 4284A, 120Hz)



6) Ripple Current



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