

Multi Layer Ceramic Capacitor (MLCC)

I . Electrical Characteristics Data

1. Model : CL10B104MB6NXNC

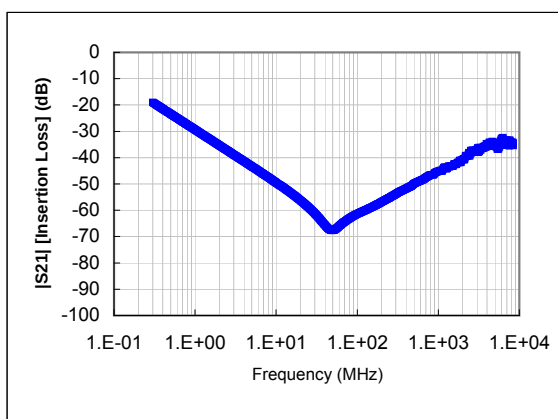
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature characteristics	Capacitance value(uF)	Capacitance tolerance(%)	Voltage (V)
CL10B104MB6NXNC	0603/1608	0.6mm	X7R	100nF	± 20 %	50

3. Characteristics Data

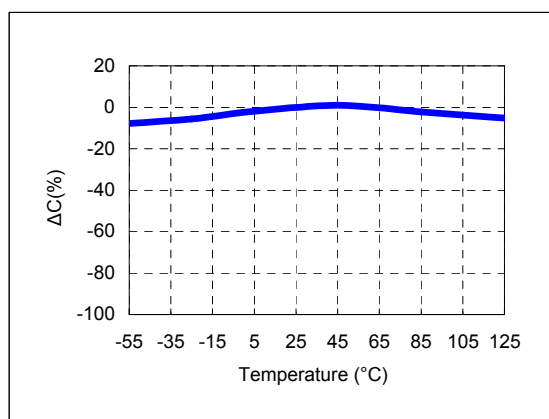
1)Frequency Characteristics

Agilent 5071A , 0.3MHz to 8.5GHz



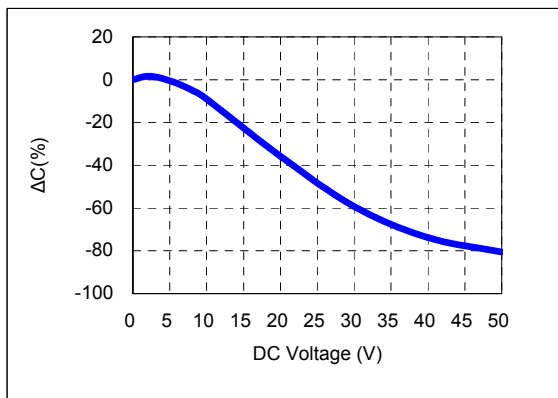
2)Temperature Characteristics (TCC)

Agilent 4284A, 1kHz, 1.0Vrms



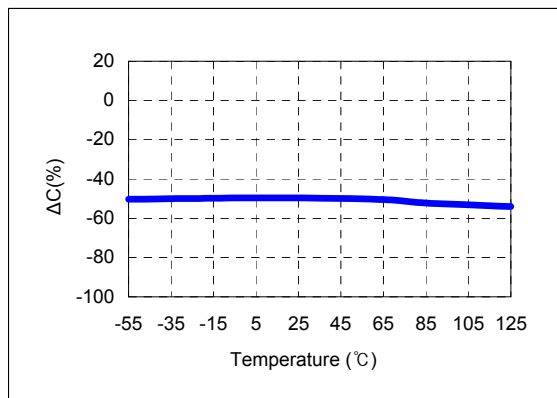
3)DC Bias Characteristics

Quadtech 7600,1kHz, 1Vrms



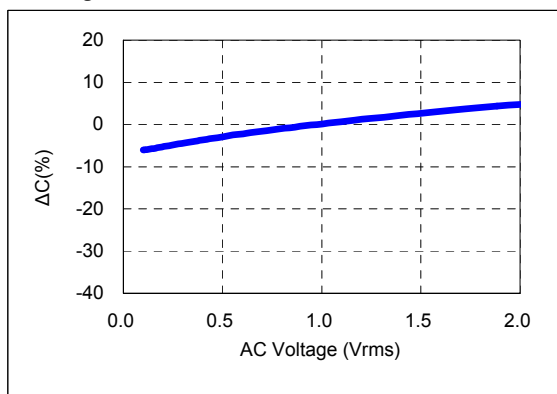
4) Bias TCC characteristics

Agilent 4284A, 1kHz, 1.0Vrms, 25Vdc



5)AC Voltage Characteristics

Agilent 4284A,1kHz



Date : Aug. 4, 2008