

Multi Layer Ceramic Capacitor (MLCC)

I . Electrical Characteristics Data

1.Model: CL05A105KA5NSNC

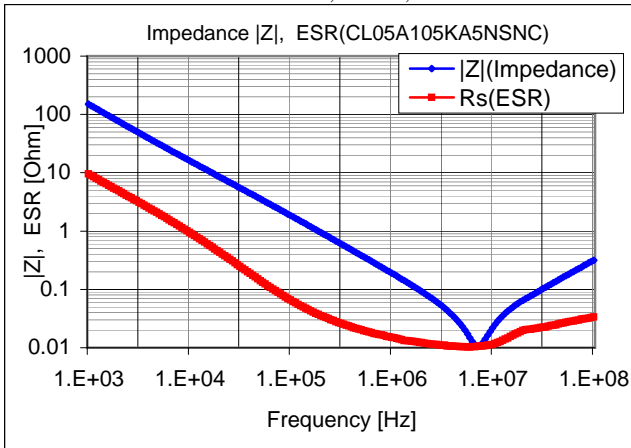
2. Description

Part No.	Size (inch(mm))	Thickness	Temperature Charateristics	Capacitance Value	Capacitance Tolerance	Voltage
CL05A105KA5NSNC	0402 (1005)	0.5mm	X5R	1 μ F	\pm 10%	25V

3. Characteristics Data

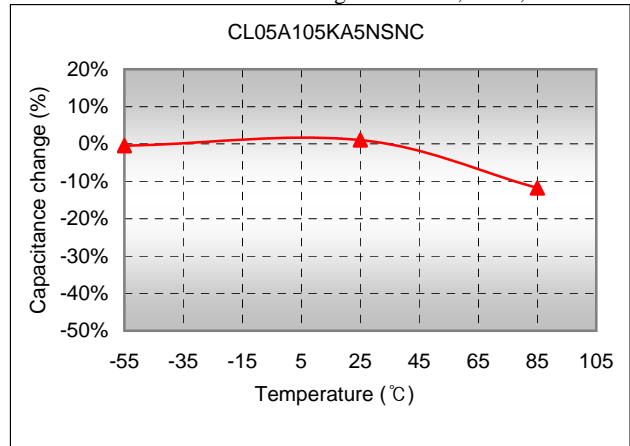
1)Frequency Characteristics

E 4294A, 1Vrms, 40Hz to 110MHz



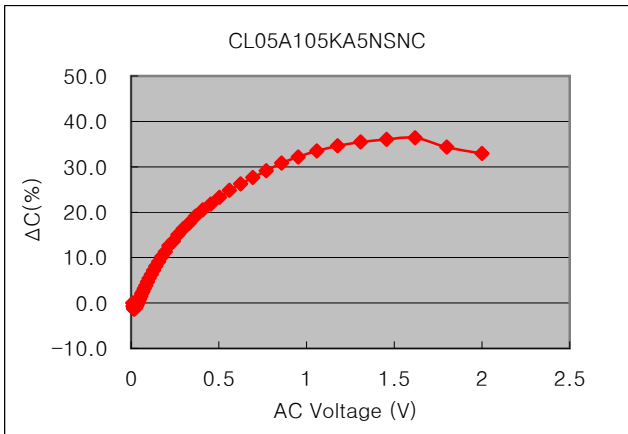
2)Temperature Characteristics (TCC)

Agilent 4284A, 1kHz, 1Vrms



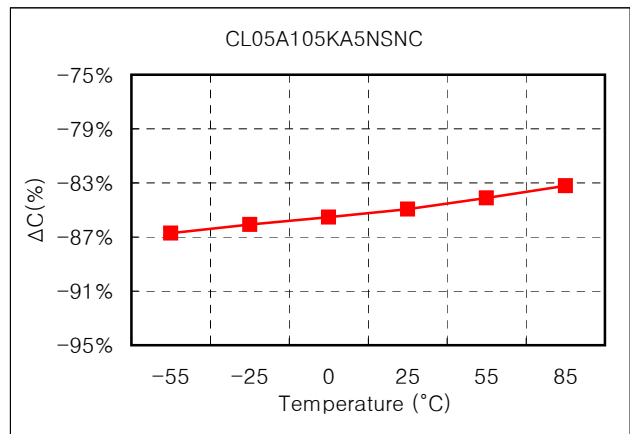
3)AC Voltage Characteristics

Agilent 4284A,1kHz



4)DC Bias Temperature Characteristics(Bias-TCC)

Agilent 4284A,1kHz, 1Vrms



5)DC-bias Characteristic

Agilent 4284A,1kHz, 1Vrms

