

# Electrical Characteristics Data

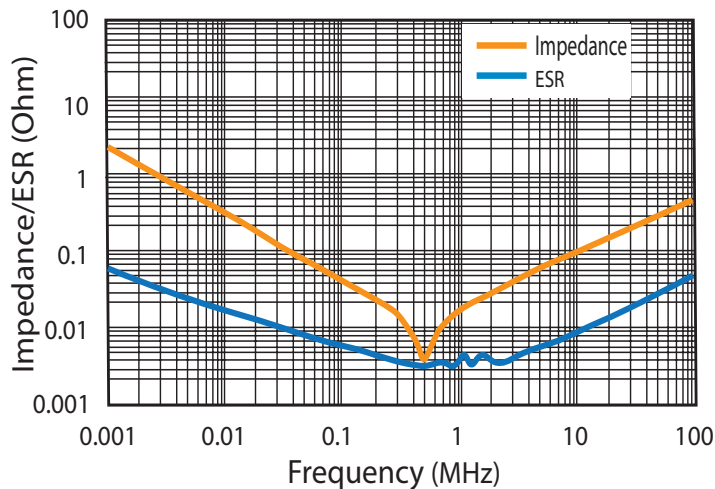
Venkel P/N: C1210X5R100-107MNE

Part Description: 1210, X5R, 10V, 100uF,  $\pm 20\%$

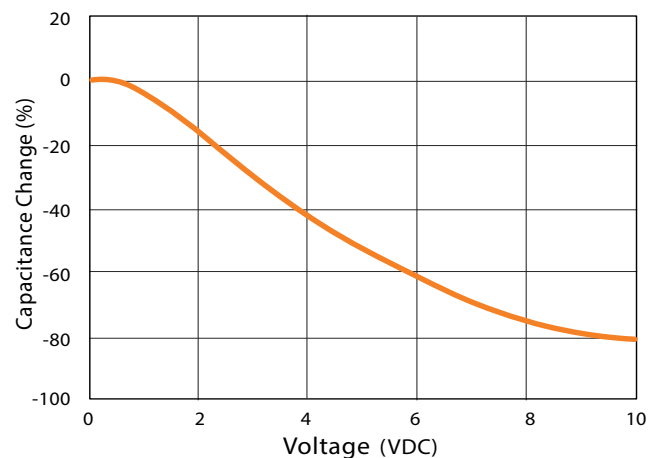
Test Specifications:

Test Frequency	120Hz $\pm$ 24Hz
Test Voltage	0.5Vrms $\pm$ 0.1Vrms
Test Equipment	Agilent 4294A, 4284A, and 4287A with 16034G & 16197A test fixtures

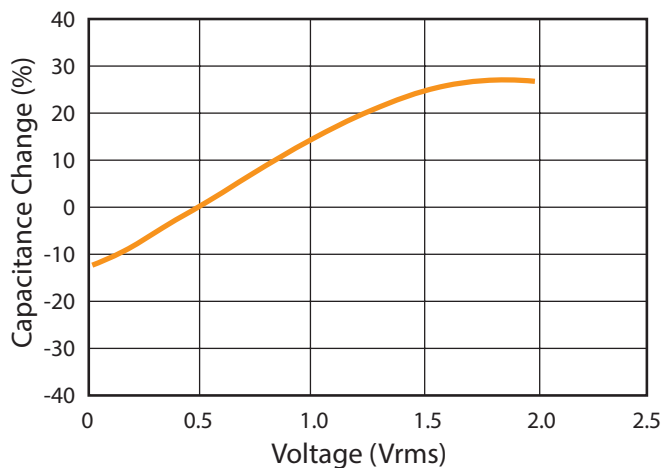
## 1. Impedance/ESR vs. Frequency



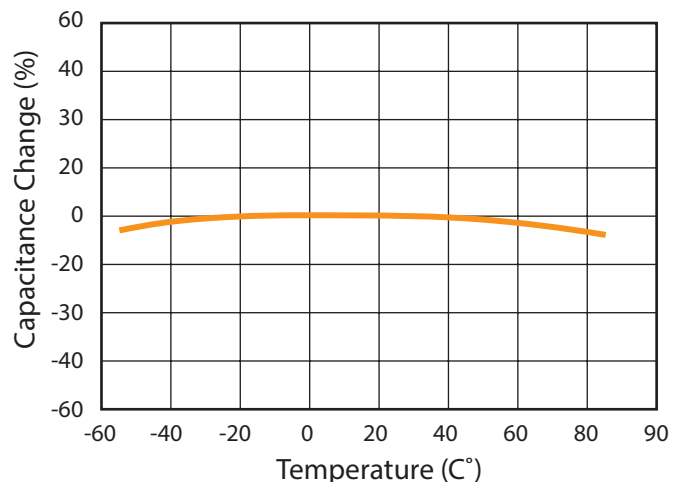
## 2. Capacitance vs. DC Voltage



## 3. Capacitance vs. AC Voltage



## 4. Capacitance vs. Temperature



Note: Any data in this ECD is typical data based on an average design of a component and is for reference design only.