

# Electrical Characteristics Data

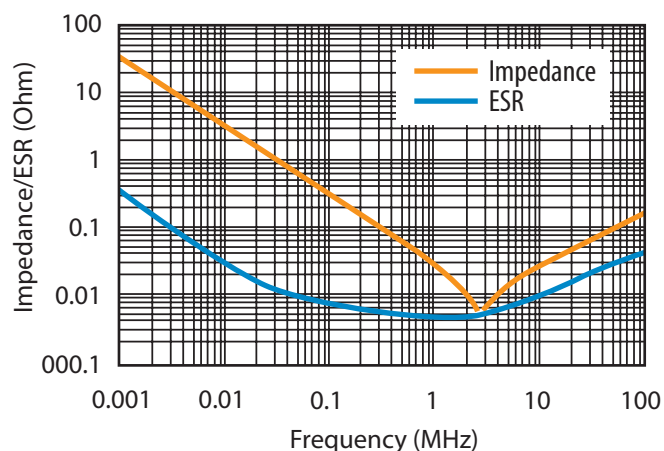
Venkel P/N: **C1210X7R160-475KNE**

Part Description: 1210, X7R, 16V, 4.7 $\mu$ F,  $\pm$ 10%

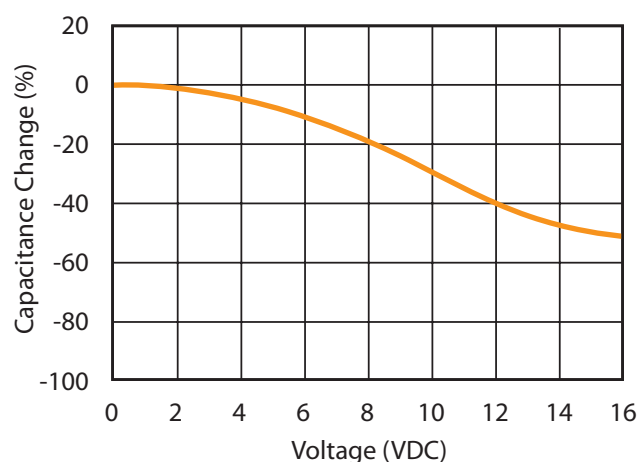
Test Specifications:

Test Frequency	1KHz $\pm$ 100Hz
Test Voltage	1.0Vrms $\pm$ 0.2Vrms
Test Equipment	Agilent 4294A, 4284A, and 4287A with 16034G & 16197A test fixtures

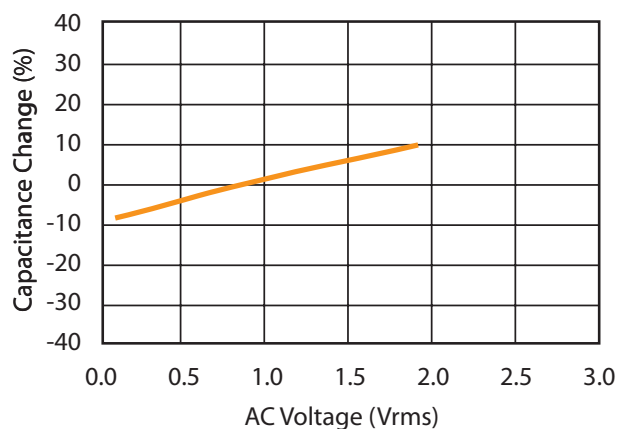
1. Impedance/ESR vs. Frequency



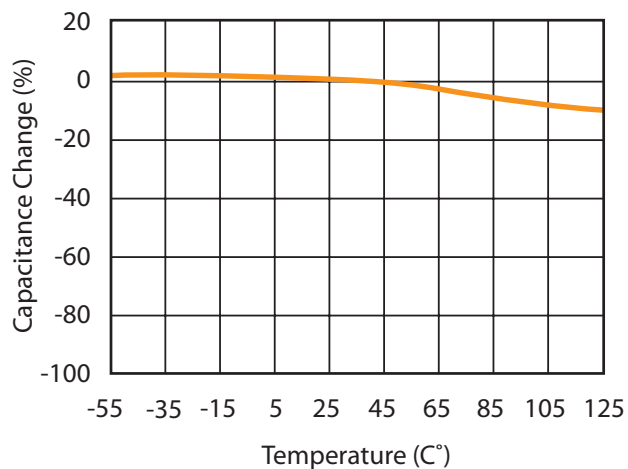
2. Capacitance vs. DC Voltage



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.