

Electrical Characteristics Data

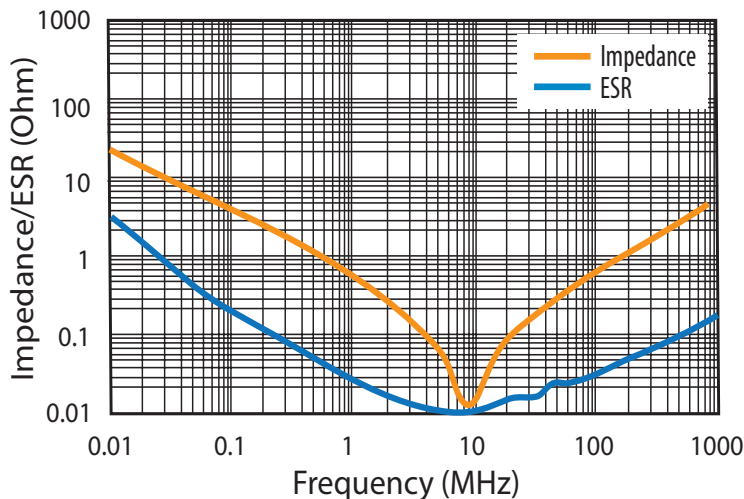
Venkel P/N: C0805X7R500-105KNE

Part Description: 0805, X7R, 50V, 1uF, 10%

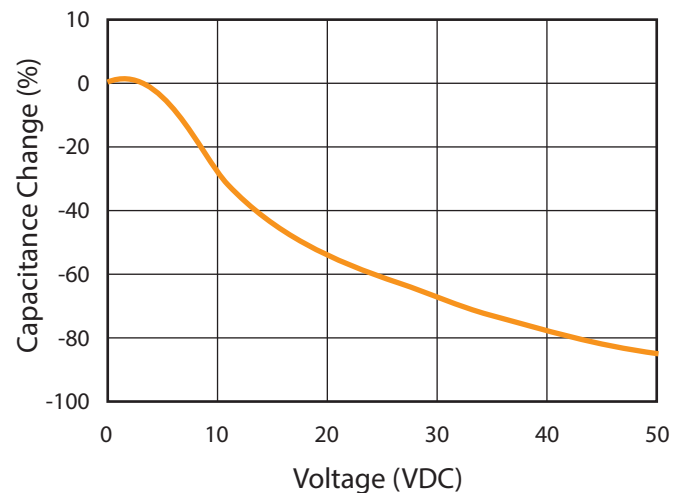
Test Specifications:

Test Frequency	1KHz \pm 24Hz
Test Voltage	1.0Vrms \pm 0.2Vrms
Test Equipment	Agilent 4294A, 4284A, and 4287A with 16034G & 16197A test fixtures

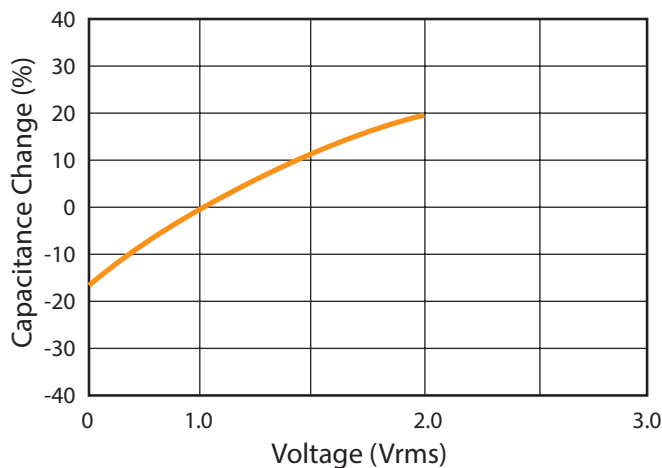
1. Impedance/ESR vs. Frequency



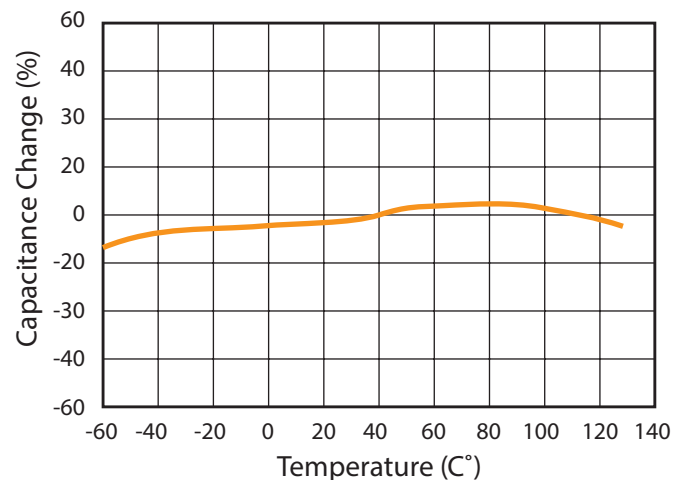
2. Capacitance vs. DC Voltage



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.