

Electrical Characteristics Data

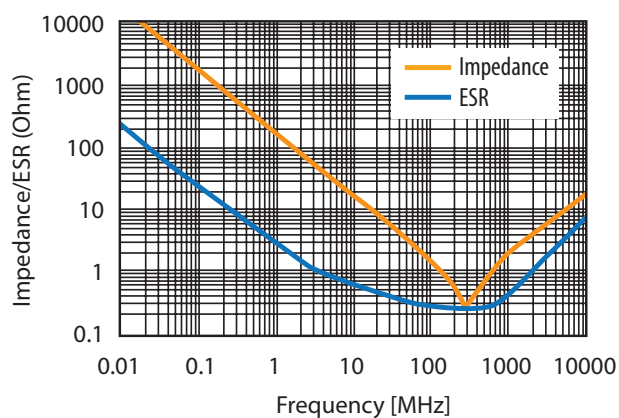
Venkel P/N: **C0402X7R500-102KNP**

Part Description: 0402, X7R, 50V, 1000pF, $\pm 10\%$

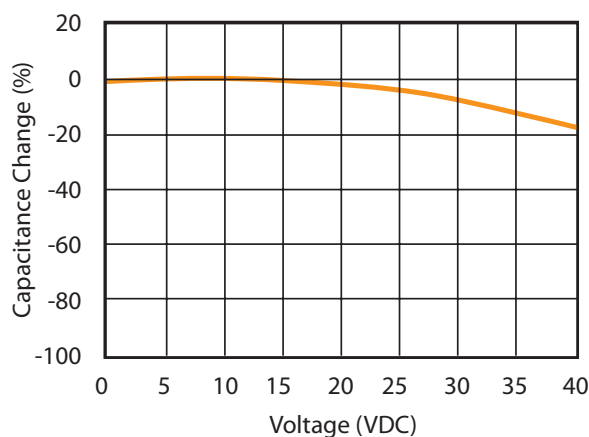
Test Specifications:

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

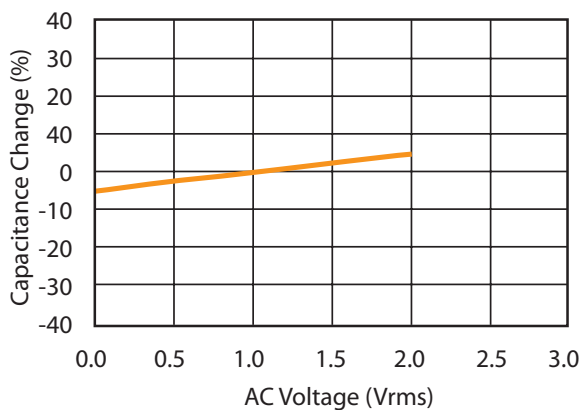
1. Impedance/ESR vs. Frequency



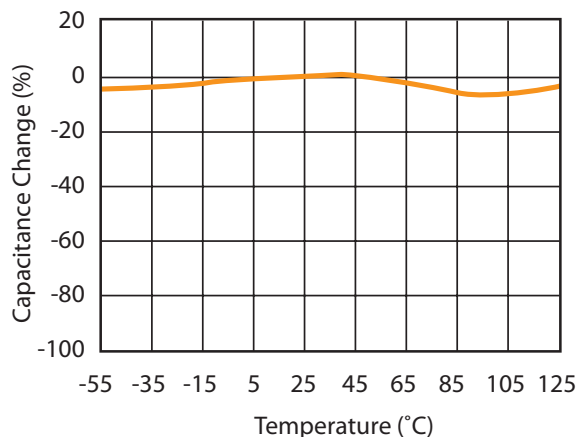
2. Capacitance vs. DC Voltage



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.