0.1uH Iron Powder Toroidal Core (T-30-02) Leaded Inductor with Wire Shortened (Log-Scale) Sampling at the suggested Operating Frequency (1MHz - 30MHz) Real Impedance vs Frequency Magnitude vs Frequency 10⁰ 10¹ Magnitude RealZ 10⁰ 10⁻² 10⁻¹ 0 15 2 Frequency (MHz) 10 15 2 Frequency (MHz) 5 10 20 25 30 5 20 25 30 Measurement Model Phase vs Frequency Imaginary Impedance vs Frequency 10² 10^{0.19} 10¹ 10^{0.18} 10^{0.17} l lmagZ 10⁰ 10^{0.16} 10⁻¹ 10 15 2 Frequency (MHz) 15 20 25 25 5 10 30 20 30 0 5 Frequency (MHz)