

## **AVX Technical Information Topics**

**Decoupling Basics**

**Advanced Decoupling Using Ceramic MLC Capacitors**

**Improved Noise Suppression Via Multilayer Ceramic Capacitors In Power-Entry Decoupling**

**The Effects of ESR and ESL in Digital Decoupling Applications**

**Low Inductance Capacitors For Digital Circuits**

**Parasitic Inductance of Multilayer Ceramic Capacitors**

**Surface Mount Zero Defect Design Checklist**

**Parameters Important For Surface Mount Applications of Multilayer Ceramic Capacitors**

**Surface Mount Ceramic Resonators**

**The Accu-L Multilayer Inductor for High Frequency Applications**

**Benefits of Thin-Film Dielectric Chip Capacitors at VHF, UHF and Higher Frequencies**

**So Many Electrons So Little Time**

**Young's Modulus and Thermal Diffusivity Measurements of Barium Titanate Based Dielectric Ceramics**

**Capacitor Selection and EMI Filtering**

**Ceramic Multilayer Capacitors in HF SMPS Applications**

**Basic Tantalum Capacitor Technology**

**Glossary of Terms Used in the Tantalum Industry**

**Equivalent Series Resistance of Tantalum Capacitors**

**Analysis of Solid Tantalum Capacitor Leakage Current**

**An Exploration of Leakage Current**

**Surge In Solid Tantalum Capacitors**

**Increasing Reliability of SMD Tantalum Capacitors In Low Impedance Applications**

**Ripple Rating of Tantalum Chip Capacitors**

**Investigation Into the Effects of Connecting Tantalum Capacitors in Series**

**AVX StaticGuard Performance Comparison to SOT-23 SMT Diodes**

**How To Choose The Correct Accu-Guard Fuse for Circuit Protection**

**A Multilayer Approach To Transient Voltage Suppressors**