



## **Stacked MLCC SMPS Military Specifications**

### **FEATURES & BENEFITS**

- Case sizes SM01-06
- Temperature range is -55° to +125°C
- Capacitance: 0.01 $\mu$ F to 390 $\mu$ F
- BP, BQ, BR, BX, X7R, and NP0 (COG) dielectrics available
- High current handling capabilities
- Low ESR and ESL
- Low DC leakage current
- Excellent high frequency performance
- Excellent capacitance retention with frequency

### **APPLICATIONS**

- EMI Filtering
- AC line filtering
- Snubbers and Timing Circuits
- I/O lines of power supplies (SMPS)
- Bulk Storage
- Military and Defense weapons systems
- Commercial aviation
- Radar and threat detection / neutralization
- Advanced targeting and missile systems
- Refueling and supply spacecraft for the international space station
- Exploration, scientific, global positioning, and television satellites

For more Information, visit: <http://avx.com/products/ceramic-capacitors/leaded/dscddla-leaded-ceramics/>

### **About AVX**

*AVX Corporation is a leading international supplier of electronic passive components and interconnect solutions with 21 manufacturing and warehouse facilities in 11 countries around the world. AVX offers a broad range of devices including capacitors, resistors, filters, timing and circuit protection devices and connectors. The company is publicly traded on the New York Stock Exchange (NYSE:AVX). For more information, visit: <http://www.avx.com>.*