

# Cap Chat

December 16, 2008

CDE Type MLP and MLS

## MLP and MLS Flatpack Capacitors Now Available as Military Types



**The MLP in aluminum and MLS in stainless are now available as DSCC military types.**

Use these links for the drawings:

<http://www.dsccl.dla.mil/Downloads/MilSpec/DscclDwg/05018.pdf>—for the MLP

<http://www.dsccl.dla.mil/Downloads/MilSpec/DscclDwg/05019.pdf>—for the MLS

### **Boeing is the First User of the New Military MLP Flatpack.**

The Boeing Company, a major aerospace and defense corporation, the largest global aircraft manufacturer, and the second-largest aerospace and defense contractor in the world is the first to use our MLP flatpack capacitor as an approved military capacitor. Defense Supply Center Columbus (DSCC) has issued a new Drawing Number 05018 on our family of MLP capacitors, and Boeing is going to be the first user. The first application is the next generation of Phased Array. The MLS has Drawing Number 05019.

### **MLP and MLS Flatpacks are Easier to Sell for Military Systems**

Having these capacitors available with military part numbers makes them much easier for engineers to design them into military systems because aluminum electrolytic capacitors are commonly viewed as not sufficiently reliable for military applications, especially avionic applications. For the Defense Supply Center, Columbus (DSCC) to create drawings for the MLP and MLS makes it appear that the U.S. military has endorsed the use of these capacitors. We should be so bold as to tell prospects that the MLP and MLS are accepted in military systems and even have their own DSCC drawings.

The MLPs and MLSs are growingly popular in military and avionic systems. MLSs and MLPs are in applications as diverse as shipboard antennae and power holdup in the radio system of a new jet fighter. MLSs are on large commercial aircraft and missile systems. Twenty MLSs are in a helicopter actuator system. MLSs are in military power amplifiers, military power PC cards and modules and avionics power supplies. Avionics programs that use MLP and MLS flatpacks include the KC135, the C17, the F15, the F16, the F18, the F22, the E2C, the X33 Space Shuttle, and more.