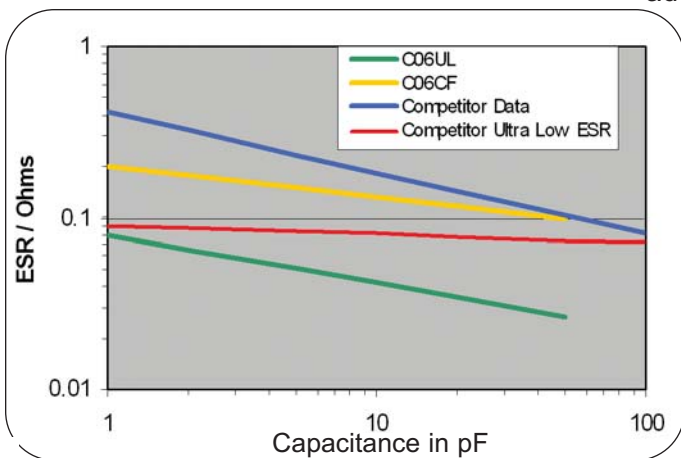


What's New

In our continuing efforts to provide our customers around the world with the products that make their products better, we have recently introduced several new material systems and case sizes to our already comprehensive product lines.

Ultra-Low ESR Material System - UL

A newly crafted, world standard for high Q capacitors, the UL material system is available in C04 (0402), C06 (0603), C08 (0805), C11 (0505), and C17 (1111) case sizes. As the 1GHz data in the graph below indicates, the UL system offers the design engineer options not seen before. UL not only provides ESR advantage when compared to DLI's workhorse materials systems CF and AH, but also when compared to competitors' standard and "ultra-low ESR" offerings.



New High Q Material System - MS

A very stable, higher Q material system that provides excellent, low loss performance in commercial systems below 3 GHz range is available in C06 (0603), C08 (0805), C11 (0505), and C17 (1111) case sizes. This material system is suitable for many applications where economical, high performance is required. See the graph below that compares C11 ESR results for the MS material system to DLI's other material systems at 1 and 2 GHz. The MS system is available in extended capacitance value ranges (see tables on appropriate case size pages).

C11 ESR results for the MS material system to DLI's other material systems at 1 and 2 GHz. The MS system is available in extended capacitance value ranges (see tables on appropriate case size pages).

Comparison of Material Systems

Material System	Temperature Coefficient -55°C to +125°C (ppm/°C Maximum)	Performance and Applications
AH	P90 ± 20	Positive TC, traditional porcelain ceramic, high power capability
CF	0 ± 15	Ultra-stable porcelain ceramic, high power capability
UL	0 ± 30	Ultra-low ESR ceramic
MS	0 ± 30	Competitive high performance ceramic
BL	± 15%	Broadband Blocking

