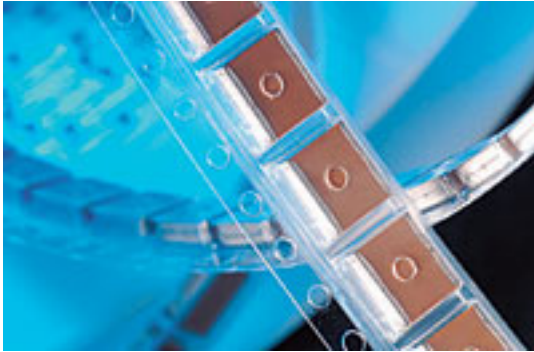


## Multilayer Ceramic Chip Capacitors



Cal-Chip announces the expansion of the CHV series of high voltage multilayer ceramic chip (MLCC) capacitors to include those with voltages of up to 10 kV. Featuring chips in 8 EIA sizes ranging from 0603 to 8060 and in COG (NPO), X7R and Y5V/Z5U dielectric, the CHV Series has low ESR, good frequency response and good mechanical strength. Specified for surge suppression and temperature compensation in high voltage applications where PC board space is limited, these capacitors are suited for wireless and portable products including notebook computers, cellular phones, PDAs, camcorders, VCRs, telecommunications and test equipment. These MLCC caps are provided in voltages within the ranges of 250 V to 10 kV, and in capacitances ranging from 1.0 pF to 1.2 uF. Chips further possess an operating temperature of  $-55^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$ , with Temperature Coefficient of Capacitance (TCC) of  $\pm 15\%$  for X7R dielectric,  $0 \pm 30$  ppm/ $^{\circ}\text{C}$  for COG for Y5V and Z5U dielectric.

Cal-Chip Electronics, Inc.

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<http://www.wirelessdesignmag.com/product-releases/2005/06/multilayer-ceramic-chip-capacitors>