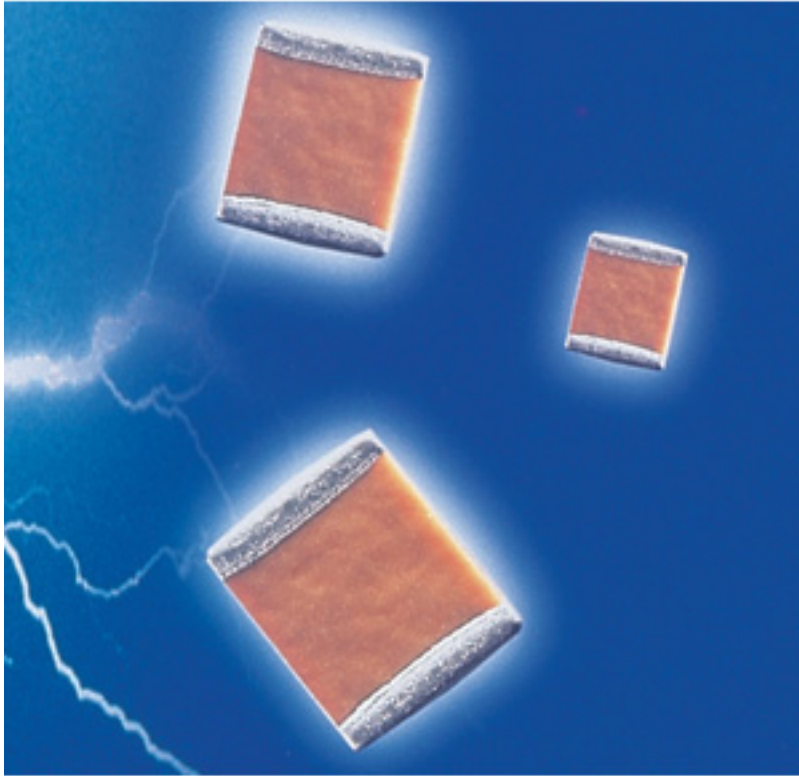


Capacitor series provides superior protection against ESD strikes



AVX Corporation has developed a new series of enhanced MLC capacitors specifically designed for general ESD protection. Available in standard 0603, 0805, and 1206 case sizes, the new ESD-Safe MLC Chips' small footprint makes them ideal for high density electronic devices like automotive modules, which often use ESD caps on nearly every pin.

"The new ESD-Safe Series capacitors were made to withstand ESD strikes without failure, providing our automotive engineering partners with unparalleled performance," said Ron Demcko, AVX Fellow.

ESD-Safe X7R Series capacitors are designed to protect general-purpose I/O gates from ESD damage during the connector to wiring harness mating operation. The AECQ200-qualified chips are available in 25, 50, and 100V, feature a +/-15% capacitance variation, and are rated for use in temperatures ranging from -55°C to 125°C. The series is also available with FLEXITERM soft terminations, which allow for more than twice as much board flexure as standard terminations and protect the electrical integrity from external forces.

Lead time for the ESD-Safe MLC Chip series is 10 weeks.

For more information, please visit www.avx.com [1]

Capacitor series provides superior protection against ESD strikes

Published on Electronic Component News (<http://www.ecnmag.com>)

Source URL (retrieved on 03/06/2015 - 11:43pm):

http://www.ecnmag.com/product-releases/2012/11/capacitor-series-provides-superior-protection-against-esd-strikes?qt-most_popular=0

Links:

[1] <http://www.avx.com>