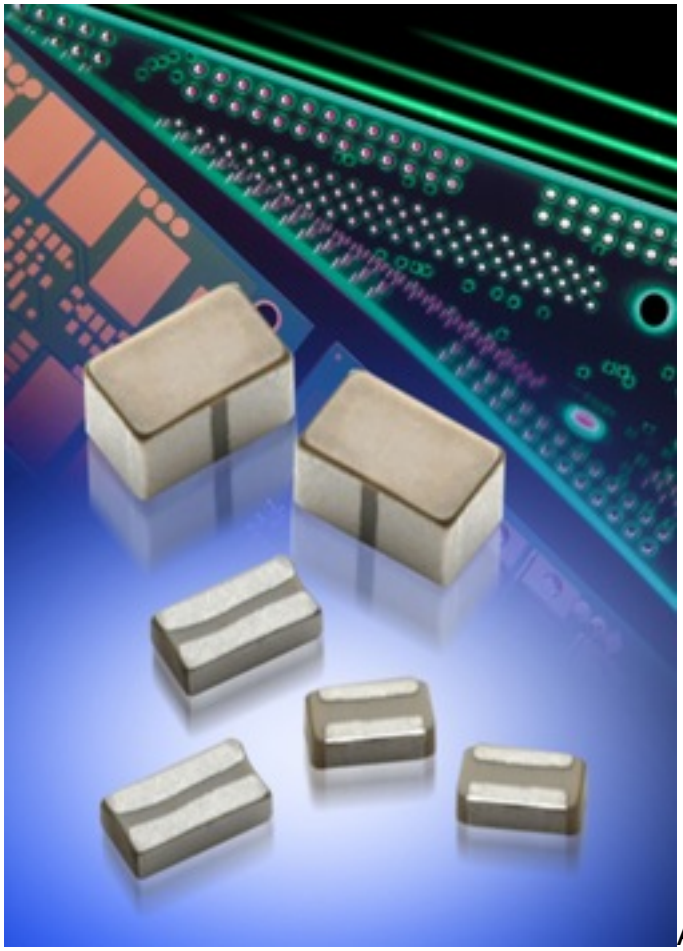
AVX Expands Land-Grid Array Product Offering 0805 2-Terminal Case Size



AVX Corporation has enhanced its land-grid array (LGA) capacitor product offering to include a low inductance 2-terminal 0805 package for advanced decoupling applications. Designated the LGC Series, the advanced capacitor is
available with 100% tin and tin lead terminations to provide high-frequency performance similar to an 8-terminal interdigitated capacitor (IDC), making it ideal for design engineers in both commercial and military and aerospace applications.

“AVX’s LGC Decoupling Capacitor Series provides superior performance and low inductance unmatched by any other 2-terminal standard configuration device,” said Tim Piver, product manager at AVX. “Additionally, the high-speed decoupling capabilities intrinsic to the 0805 case size makes the advanced capacitor perfect for CPU, GPU, server
and networking purposes.”

The LGC Decoupling Capacitor Series provides capacitance values of 1.0uF at 6.3V and 2.2uF at 4V in an X5R dielectric formation across an operating temperature range of -55°C to +85°C. The SnPb termination LGC Decoupling Capacitors are ideal for high speed decoupling of military and aerospace CPUs, GPUs, server and

networking applications. Typical pricing for the SnPb termination LGC Decoupling Capacitor Series is in the $1.50 - $2.00 range with a lead time of about 12 weeks. The commercial tin termination parts have typical pricing in the $0.30 - $0.40 range with a lead time of
approximately 10 weeks.

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

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Links:
[1] http://www.avx.com