

AVX Wins the 2015 Passive & Electromechanical Product of the Year at the Prestigious Elektra Awards



FOUNTAIN INN, S.C. (December 4, 2015) — AVX Corporation, a leading manufacturer of passive components and interconnect solutions, has received Electronics Weekly's 2015 Passive and Electromechanical Product of the Year Elektra Award for its TCH Series high voltage, hermetically sealed polymer chip capacitors, which, by virtue of their package, were the world's first effective

polymer capacitor solution for high reliability, high voltage, and high temperature applications, such as: automotive, avionics, aerospace, and defense. Widely recognized as the leading promotional platform for celebrating the electronics achievements of individuals and companies across Europe, the Elektra European Electronics Industry Awards honor the most remarkable new products, technology innovations, and company performances of the year. The 2015 Elektra Award winners were selected by an independent panel of judges, and were presented at a ceremony held on Tuesday, November 24, 2015 at the Lancaster London hotel. Gordon Hoey, tantalum marketing manager, AVX Europe and Global Automotive, and Jan Petrzilek, R&D manager, AVX Czech Republic, s.r.o., attended and accepted the 2015 Passive and Electromechanical Product of the Year Award on behalf of AVX.

"We are delighted to have won our third Passive and Electromechanical Product of the Year Elektra Award. This repeat win confirms our design team's consistent ability to generate exceptional ideas and develop them into exceptional products specifically designed to solve our customer's challenges, of which there is never a shortage," said Stanislav Zednicek, development and special projects manager at AVX. "So, in the spirit of celebrating continuous innovation and development, I'd also like to note that our 2015 Elektra Award recipient — our TCH Series high voltage, hermetically sealed polymer chip capacitors — have not only demonstrated 150°C capability in recent testing, but have shown potential for a 150V rating, and maybe even more, which would be yet another breakthrough in solid electrolytic capacitor development."

Initially developed for the European Space Agency (ESA) to suit aerospace applications, AVX's high reliability, high voltage TCH Series polymer chip capacitors are hermetically sealed in robust ceramic cases filled with inert gas to eliminate material and performance degradation resulting from exposure to high temperature, high humidity, and ambient atmosphere. Manufactured and screened using AVX's patented Q-Process, TCH Series capacitors exhibit high reliability endurance of up to 10,000 hours at 85°C and rated temperature making them ideal for use in a variety of demanding, mission-critical applications,

including: aerospace, defense, pulse power, and power supplies. The series also features low ESR and exhibit low derating capabilities, low leakage current (0.1CV), high ripple current, high capacitance (22 μ F to 680 μ F), and the highest voltages (10-100V) of any space-grade SMD tantalum polymer capacitor currently available on the market.

For more information about AVX's TCH Series hermetically sealed polymer chip capacitors, please visit [here](#) to access the product datasheet and catalog, safety and packaging information, relevant technical papers, and modeling software. For all other inquiries, please [contact us](#), call 864-967-2150, or write to One AVX Boulevard, Fountain Inn, S.C. 29644