

AspenCore World Electronics Achievement Awards **CeraCharge™ and PowerHap™ products of the year**

December 18, 2018

TDK Corporation (TSE:6762) announces that CeraCharge™ and PowerHap™ were selected as High Performance Passive Components of the Year in 2018. This marks the first time that TDK Electronics in China has won AspenCore World Electronics Achievement Awards (WEAA). The WEAA program honors companies whose innovations and product developments have made special contributions to the electronics industry.

CeraCharge is the world's first rechargeable solid-state SMD battery. This new technology offers a relatively high energy density and smallest volume combined with the safety and high volume manufacturing benefits of ceramic multilayer components. CeraCharge can be used in a wide range of possible applications – particularly in devices intended for the Internet of Things. These include, for example, real-time clocks, Bluetooth beacons, wearables or systems for energy harvesting.

PowerHap piezo actuators offer an unprecedented quality of haptic feedback based on their unrivalled performance in terms of acceleration, force and response time. Applications can be found, for example, in vehicles, smartphones and tablets, household appliances, ATMs and vending machines, game controllers, industrial equipment and medical devices.

AspenCore, a subsidiary of global volume distributor Arrow Electronics, is the publisher of more than two dozen leading global print and online media, including electronics titles such as EDN, EE Times, ESM China, 21ic.com and Electronic Products. The winners in China were selected by a jury of editors from AspenCore's trade media in Asia, Europe and the US as well as by readers around the world.

About TDK Corporation

TDK Corporation is a leading electronics company based in Tokyo, Japan. It was established in 1935 to commercialize ferrite, a key material in electronic and magnetic products. TDK's comprehensive portfolio features passive components such as ceramic, aluminum electrolytic and film capacitors, as well as magnetics, high-frequency, and piezo and protection devices. The product spectrum also includes sensors and sensor systems such as temperature and pressure, magnetic, and MEMS sensors. In addition, TDK provides power supplies and energy devices, magnetic heads and more. These products are marketed under the product brands TDK, EPCOS, InvenSense, Micronas, Tronics and TDK-Lambda. TDK focuses on demanding markets in the areas of information and communication technology and automotive, industrial and consumer electronics. The company has a network of design and manufacturing locations and sales offices in Asia, Europe, and in North and South America. In fiscal 2018, TDK posted total sales of USD 12 billion and employed about 103,000 people worldwide.

You can download this text and associated images from www.tdk-electronics.tdk.com/181218.

Further information on the products can be found under www.tdk-electronics.tdk.com/ceracharge and www.tdk-electronics.tdk.com/powerhap.

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