

Panasonic HL Series Electric Double Layer Capacitors (ELDCs) shortlisted by German Elektronik magazine for their “Products of the year 2017” reader poll

Munich, January 2017: Panasonic Automotive & Industrial Systems Europe is pleased to announce that its HL Series Electric Double Layer Capacitors (ELDCs) have been shortlisted by Elektronik, one of Germany’s leading electronics magazines, for the “Elektronik – Products of the Year 2017” reader poll in the category of passive components.

Mustafa Khan, Product Marketing Manager Capacitors at Panasonic comments: “We are delighted that our HL Series products have been shortlisted for this prestigious award by the editors of Elektronik. A reason piquing the market interest for our EDLCs is the use of leakage-safe electrolyte material with a much higher flash point. Panasonic HL Series does not utilize Aceto Nitrile which can result in release of Hydrogen Cyanide. This market differentiation has won us many environmentally conscientious customers. In terms of the awards: now it is up to the readers of Elektronik to select their favourites and we hope our HL Series can record a podium finish. However, we wish all the rest of the finalists in the category of passive components the best of luck.”

HL Series capacitors offer low resistance combined with guaranteed long life over a wide temperature range, down to -40degC and extending to +65degC. Panasonic H Series gold capacitors are wound radial lead type devices, which achieve far better capacitance compared to aluminium electrolytic capacitors (up to 1,000 times greater) and superior charge and discharge performance compared with secondary batteries. The further benefit of a rapid charge and discharge cycle, which can be performed over 100,000 times, makes Panasonic HL Series ELDCs ideal for applications such as backup power supplies for servers and storage devices, auxiliary power supplies for solar-powered products including street lighting, and driver-assist for motors and actuators in a variety of markets.

Maximum operating voltage for the HL Series is 2.7VDC and nominal capacitance range 50 F to 100 F. These ELDCs are also guaranteed at temperatures as low as -40degC, where capacitance change is $\pm 30\%$ of initial measured value at +20degC. and internal resistance ≤ 7 times of initial specified value. Both the 50F device and the 100F device in the HL Series are guaranteed for a life of 2,000 hours at +65degC.

Panasonic Automotive & Industrial Systems Europe GmbH
Robert-Koch-Strasse 100
85521 Ottobrunn, Germany
eu.industrial.panasonic.com
www.panasonic.eu

Press contact:
Helmut Philipowski
helmut.philipowski@eu.panasonic.com
Phone: +49 89 45354 1427
eu.industrial.panasonic.com

Press enquiries:
Heiko Hespern
Account Director, BWW
Communications
Phone: +49 89 42036391
Email: heiko.hespern@bwwcomms.com

With large capacitance values due to the use of activated carbon for the electrode, HL Series EDLC “Gold Capacitors” sit between aluminium electrolytic capacitors and secondary battery cells in terms of capacitance and offer unique advantages over both, being highly-reliable with very rapid charging/discharging and virtually no limit on the number of charging cycles. As well as long operating life over low temperatures, HL Series components are RoHS compliant, so there are no recycling or accidental leakage issues.

For further information on the HL Series Electric Double Layer Capacitors please visit: <https://eu.industrial.panasonic.com/>

About PAISEU

Panasonic Automotive and Industrial Systems Europe (PAISEU) is a company that provides unparalleled expertise to leading car manufacturers, industrial customers and OEMs. It researches, develops, manufactures and supplies key electronic components, devices and modules up to complete solutions across a broad range of industries; and provides production equipment which builds the manufacturing lines of global corporations.

Globally, Panasonic's Automotive and Industrial Systems company is responsible for over one third of Panasonic's overall revenue.