**Panasonic Industry Europe releases 310VAC rated Safety Class X2 Automotive Film Capacitors**

ECQUA series enables designs of high safety   
and high reliability

Munich, September 2020

Panasonic has expanded voltage range of AEC-Q200 qualified ECQUA (Safety Class X2, for automotive) series to 310VAC.

This metallized polypropylene film capacitor series from Panasonic Industry Europe benefits from original in-house patterned metallization process with fuse mechanism function by Panasonic. This unique technology delivers stable capacitance level over the product lifetime and therefore guarantees a higher reliability of the application.

This series features now a rated voltage range of 275VAC up to 310 VAC, and a nominal capacitance range of 0.1µF up to 10µF. Operating temperature range is from -40°C up to 110°C. A flame-retardant plastic case and non-combustible resin are utilized leading to accreditation in accordance with UL/CSA and European safety regulation for class X2. All the products are fully RoHS and REACH compliant.

ECQUA series (for Automotive) capacitors offer a guaranteed high humidity resistance (THB test: 85°C, 85%, 240VAC for 1000 hours with 275VAC rated products and 275VAC for 1000 hours with 310VAC rated products) and high thermal shock resistance (-40°C up to 85°C, 1000 cycles).

Functioning as interference suppression capacitors, ECQUA series is ideal for a broad spectrum of applications including input / output filtering for charging stations or the input side of On-Board chargers, industrial power supplies, the range of EV / PHEV applications and renewable energy infrastructure.

Further information can be found [here.](https://industry.panasonic.eu/productfinder?group=Capacitors&mode=FILTER_MODE&category=Film+capacitors&lineup=Automotive%2C+industrial+and+infrastructure+use&series=ECQUA+%28For+automotive%29)

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**About Panasonic**

Panasonic Corporation is a worldwide leader in the development of diverse electronics technologies and solutions for customers in the consumer electronics, housing, automotive, and B2B businesses. The company, which celebrated its 100th anniversary in 2018, has expanded globally and now operates 528 subsidiaries and 72 associated companies worldwide, recording consolidated net sales of Euro 61.9 billion for the year ended March 31, 2020. Committed to pursuing new value through innovation across divisional lines, the company uses its technologies to create a better life and a better world for its customers.

To learn more about Panasonic: <http://www.panasonic.com/global>

**About Panasonic Industry Europe**

Panasonic Industry Europe GmbH is part of the global Panasonic Group and provides automotive and industrial products and services in Europe. As a partner for the industrial sector, Panasonic researches, develops, manufactures and supplies technologies that support the slogan “A Better Life, A Better World”.

The company’s portfolio covers key electronic components, devices and modules up to complete solutions and production equipment for manufacturing lines across a broad range of industries. Panasonic Industry Europe is part of the global company Panasonic Industrial Solutions.

More about Panasonic Industry Europe: <http://industry.panasonic.eu>