

Film Capacitor Market, valued at \$2,125.0 million in 2018, is projected to reach \$2,589.1 million by 2026

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In 2018, the Plastic film capacitor segment dominated the film capacitor market. However, the Automotive segment is expected to grow at the highest CAGR during the forecast period." *Allied Market Research* projected to reach \$2.589.1 million by 2026, growing at a CAGR of 2.5% from 2019 to 2026.

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Film capacitor is a passive electronic component used to store electrical energy and is made using plastic or polymer film. These are relatively cheap, have low selfinductance and ESR, and stable over time. After manufacturing of films, they may be metallized or left

untreated, and depending on the needed properties of the capacitor. Furthermore, film capacitors generally use polypropylene film as a dielectric, and these are used for high frequency high power application including heating, pulse power energy discharge application, and AC capacitors for electrical distribution. The film capacitor is widely used in different sectors, owing to their higher characteristics. These capacitors are developed with high precision capacitance values and these values are retained longer than other capacitor types. In addition, the film capacitors have long shelf & service life and they are high reliable with low average failure rate.

According to film capacitor market trends, film capacitors are one of the most common capacitor types used in electronic equipment and many AC & DC microelectronics and electronics circuits. According to the Consumer Electronics Association (CEA), the consumer electronics sales in 2015 was valued at \$220.0 billion. Faster obsoletion in technology is majorly driving the growth of electronics component, which is further expected to drive the film capacitor market during the forecast period.

North America dominated the film capacitor market with higher share during the forecast period. Surge in demand for <u>electric vehicle</u>, hybrid electric vehicle, and plug in hybrid vehicle, which help boost the market in this region.

Factors such as high demand for film capacitor in consumer electronics components, rise in demand for high temperature film capacitors, and adoption of nanolayer film capacitors drives the growth of the film capacitor market. However, increase in severity of environmental and manufacturing rules and low pricing margin hampers the growth of market. Furthermore, higher adoption of film capacitor in electric vehicle system and technological advancement offers lucrative opportunities for market expansion.

According to film capacitor market analysis, in June 2018, KEMET Corporation launched C4AQ power film capacitors, which is suited for industrial and automotive, and power supply. This product designs for DC link, DC filtering and energy storage application, which is expected to assist the film capacitor market growth globally.

In terms of revenue, plastic film capacitor contributed the maximum photomask market size in 2018 and is expected to maintain its lead throughout the forecast period.

The automotive segment is expected to grow at the highest CAGR during the forecast period.

In 2018, Asia-Pacific is anticipated to exhibit the highest CAGR during the forecast period.

Based on region, the global film capacitor market forecast is analyzed across North America Europe, Asia-Pacific, and LAMEA.

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The major companies profiled in the film capacitor market share include KEMET Corporation, Panasonic Corporation, TDK Corporation, AVX Corporation, Cornell Dubilier Electronics Inc., Vishay Intertechnology, Electro Technik Industries, Wima GmbH & Co. KG, Ningbo Topo Electronic Co., Ltd., XIAMEN FARATRONIC CO., LTD.

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