

Global Polymer Capacitor Market Study 2015-2025, by Segment (Polymer Tantalum Electrolytic Capacitor, Polymer Aluminum Electrolytic Capacitor, Others (Hybrid and Niobium)), by Market (Consumer Electronics, Communication, Industrial), by Company (Murata Manufacturing Co, NCC (Chemi-con), Nichicon)

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Abstracts

Snapshot

A polymer capacitor, or more accurately a polymer electrolytic capacitor, is an electrolytic capacitor (e-cap) with a solid electrolyte of a conductive polymer. Polymer electrolytic capacitors are characterized by particularly low internal equivalent series resistances (ESR) and high ripple current ratings. Their electrical parameters have similar temperature dependence, reliability and service life compared to solid tantalum capacitors, but have a much better temperature dependence and a considerably longer service life than aluminum electrolytic capacitors with non-solid electrolytes. In general polymer e-caps have a higher leakage current rating than the other solid or non-solid electrolytic capacitors. Polymer electrolytic capacitors are mainly used in power supplies of integrated electronic circuits as buffer, bypass and decoupling capacitors, especially in devices with flat or compact design. Thus they compete with MLCC capacitors, but offer higher capacitance values than MLCC, and they display no microphonic effect. The global Polymer Capacitor market will reach xxx Million USD in 2018 and with a CAGR of xx% between 2019-2025.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

Polymer Tantalum Electrolytic Capacitor

Polymer Aluminum Electrolytic Capacitor

Others (Hybrid and Niobium)

Demand Coverage (Market Size & Forecast, Consumer Distribution):

Consumer Electronics

Communication

Industrial

Others

Company Coverage (Sales data, Main Products & Services etc.):

Murata Manufacturing Co

NCC (Chemi-con)

Nichicon

Panasonic Corporation

Kemet

AVX

Vishay

Apaq Technology Co

Rubycon Corporation

ROHM Semiconductor

Lelon

Jianghai

Yageo

Aihua Group

Illinois Capacitor

Major Region Market

North America

Europe

Asia-Pacific

South America

Middle East & Africa

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