

# COVID-19 World Polymer Capacitor Market Research Report (by Product Type, End-User/Application and Regions/Countries)

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## **Abstracts**

#### **SUMMARY**

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.

This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

The report includes as follows:

The report provides current data, historical overview and future forecast.

The report includes an in-depth analysis of the Global market for Polymer Capacitor, covering Global total and major region markets.

The data of 2017-2025 are included. All-inclusive market are given through data on



sales, consumption, and prices (Global total and by major regions).

The report provides introduction of leading Global manufacturers.

Polymer Capacitor market prospects to 2025 are included (in sales, consumption and price).

Market Segment as follows:

By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

Asia-Pacific (China, India, Japan, Southeast Asia etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

By Type

Polymer Tantalum Electrolytic Capacitor

Polymer Aluminum Electrolytic Capacitor

Others (Hybrid and Niobium)

By End-User / Application

**Consumer Electronics** 

Communication

Industrial

Others



# By Company

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



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