

# 2017-2025 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

## Contents

### **1 MARKET DEFINITION**

- 1.1 Market Segment Overview
- 1.2 by Type
- 1.3 by End-Use / Application

### **2 GLOBAL MARKET BY VENDORS**

- 2.1 Market Share
- 2.2 Vendor Profile
- 2.3 Dynamic of Vendors

### **3 GLOBAL MARKET BY TYPE**

- 3.1 Market Share
- 3.2 Introduction of End-Use by Different Products

### **4 GLOBAL MARKET BY END-USE / APPLICATION**

- 4.1 Market Share
- 4.2 Overview of Consumption Characteristics
  - 4.2.1 Preference Driven
  - 4.2.2 Substitutability
  - 4.2.3 Influence by Strategy
  - 4.2.4 Professional Needs

### **5 GLOBAL MARKET BY REGIONS**

- 5.1 Market Share
- 5.2 Regional Market Growth
  - 5.2.1 North America
  - 5.2.2 Europe
  - 5.2.3 Asia-Pacific
  - 5.2.4 South America
  - 5.2.5 Middle East & Africa

### **6 NORTH AMERICA MARKET**

- 6.1 by Type
- 6.2 by End-Use / Application
- 6.3 by Regions

## **7 EUROPE MARKET**

- 7.1 by Type
- 7.2 by End-Use / Application
- 7.3 by Regions

## **8 ASIA-PACIFIC MARKET**

- 8.1 by Type
- 8.2 by End-Use / Application
- 8.3 by Regions

## **9 SOUTH AMERICA MARKET**

- 9.1 by Type
- 9.2 by End-Use / Application
- 9.3 by Regions

## **10 MIDDLE EAST & AFRICA MARKET**

- 10.1 by Type
- 10.2 by End-Use / Application
- 10.3 by Regions

## **11 MARKET FORECAST**

- 11.1 Global Market Forecast (2020-2025)
- 11.2 Market Forecast by Regions (2020-2025)
- 11.3 Market Forecast by Type (2020-2025)
- 11.4 Market Forecast by End-Use / Application (2020-2025)

## **12 KEY MANUFACTURERS**

### **12.SIKA MURATA MANUFACTURING CO**

- 12.1.2 Company Overview
- 12.1.2 Product and End-User / Application
- 12.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 12.2 NCC (Chemi-con)
- 12.3 Nichicon
- 12.4 Panasonic Corporation
- 12.5 Kemet
- 12.6 AVX
- 12.7 Vishay
- 12.8 Apaq Technology Co
- 12.9 Rubycon Corporation
- 12.10 ROHM Semiconductor
- 12.11 Lelon
- 12.12 Jianghai
- 12.13 Yageo
- 12.14 Aihua Group
- 12.15 Illinois Capacitor

## **13 PRICE OVERVIEW**

- 13.1 Price Segment
- 13.2 Price Trend

## **14 RESEARCH CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Polymer Capacitor Market and Growth by Type

Table Global Polymer Capacitor Market and Growth by End-Use / Application

Table Global Polymer Capacitor Revenue (Million USD) by Vendors (2017-2019)

Table Global Polymer Capacitor Revenue Share by Vendors (2017-2019)

Table Global Polymer Capacitor Market Volume (Volume) by Vendors (2017-2019)

Table Global Polymer Capacitor Market Volume Share by Vendors (2017-2019)

Table Headquarter, Factories & Sales Regions Comparison of Vendors

Table Product List of Vendors

Table Global Polymer Capacitor Market (Million USD) by Type (2017-2019)

Table Global Polymer Capacitor Market Share by Type (2017-2019)

Table Global Polymer Capacitor Market Volume (Volume) by Type (2017-2019)

Table Global Polymer Capacitor Market Volume Share by Type (2017-2019)

Table Global Polymer Capacitor Market (Million USD) by End-Use / Application (2017-2019)

Table Global Polymer Capacitor Market Share by End-Use / Application (2017-2019)

Table Global Polymer Capacitor Market Volume (Volume) by End-Use / Application (2017-2019)

Table Global Polymer Capacitor Market Volume Share by End-Use / Application (2017-2019)

Table Global Polymer Capacitor Market (Million USD) by Regions (2017-2019)

Table Global Polymer Capacitor Market Share by Regions (2017-2019)

Table Global Polymer Capacitor Market Volume (Volume) by Regions (2017-2019)

Table Global Polymer Capacitor Market Volume Share by Regions (2017-2019)

Table North America Polymer Capacitor Market (Million USD) by Type (2017-2019)

Table North America Polymer Capacitor Market Share by Type (2017-2019)

Table North America Polymer Capacitor Market (Million USD) by End-Use / Application (2017-2019)

Table North America Polymer Capacitor Market Share by End-Use / Application (2017-2019)

Table North America Polymer Capacitor Market (Million USD) by Regions (2017-2019)

Table North America Polymer Capacitor Market Share by Regions (2017-2019)

Table Europe Polymer Capacitor Market (Million USD) by Type (2017-2019)

Table Europe Polymer Capacitor Market Share by Type (2017-2019)

Table Europe Polymer Capacitor Market (Million USD) by End-Use / Application (2017-2019)

Table Europe Polymer Capacitor Market Share by End-Use / Application (2017-2019)  
Table Europe Polymer Capacitor Market (Million USD) by Regions (2017-2019)  
Table Europe Polymer Capacitor Market Share by Regions (2017-2019)  
Table Asia-Pacific Polymer Capacitor Market (Million USD) by Type (2017-2019)  
Table Asia-Pacific Polymer Capacitor Market Share by Type (2017-2019)  
Table Asia-Pacific Polymer Capacitor Market (Million USD) by End-Use / Application (2017-2019)  
Table Asia-Pacific Polymer Capacitor Market Share by End-Use / Application (2017-2019)  
Table Asia-Pacific Polymer Capacitor Market (Million USD) by Regions (2017-2019)  
Table Asia-Pacific Polymer Capacitor Market Share by Regions (2017-2019)  
Table South America Polymer Capacitor Market (Million USD) by Type (2017-2019)  
Table South America Polymer Capacitor Market Share by Type (2017-2019)  
Table South America Polymer Capacitor Market (Million USD) by End-Use / Application (2017-2019)  
Table South America Polymer Capacitor Market Share by End-Use / Application (2017-2019)  
Table South America Polymer Capacitor Market (Million USD) by Regions (2017-2019)  
Table Middle East & Africa Polymer Capacitor Market Share by Regions (2017-2019)  
Table Middle East & Africa Polymer Capacitor Market (Million USD) by Type (2017-2019)  
Table Middle East & Africa Polymer Capacitor Market Share by Type (2017-2019)  
Table Middle East & Africa Polymer Capacitor Market (Million USD) by End-Use / Application (2017-2019)  
Table Middle East & Africa Polymer Capacitor Market Share by End-Use / Application (2017-2019)  
Table Middle East & Africa Polymer Capacitor Market (Million USD) by Regions (2017-2019)  
Table Middle East & Africa Polymer Capacitor Market Share by Regions (2017-2019)  
Table Global Polymer Capacitor Market (Million USD) Forecast by Regions (2020-2025)  
Table Global Polymer Capacitor Market Share Forecast by Regions (2020-2025)  
Table Global Polymer Capacitor Market Volume (Volume) Forecast by Regions (2020-2025)  
Table Global Polymer Capacitor Market Volume Share Forecast by Regions (2020-2025)  
Table Global Polymer Capacitor Market (Million USD) Forecast by Type (2020-2025)  
Table Global Polymer Capacitor Market Share by Forecast Type (2020-2025)  
Table Global Polymer Capacitor Market (Million USD) Forecast by End-Use / Application (2020-2025)



Table Global Polymer Capacitor Market Share Forecast by End-Use / Application  
(2020-2025)

Table Sales Revenue, Volume, Price, Cost and Margin of Murata Manufacturing Co

Table Sales Revenue, Volume, Price, Cost and Margin of NCC (Chemi-con)

Table Sales Revenue, Volume, Price, Cost and Margin of Nichicon

Table Sales Revenue, Volume, Price, Cost and Margin of Panasonic Corporation

Table Sales Revenue, Volume, Price, Cost and Margin of Kemet

Table Sales Revenue, Volume, Price, Cost and Margin of AVX

Table Sales Revenue, Volume, Price, Cost and Margin of Vishay

Table Sales Revenue, Volume, Price, Cost and Margin of Apaq Technology Co

Table Sales Revenue, Volume, Price, Cost and Margin of Rubycon Corporation

Table Sales Revenue, Volume, Price, Cost and Margin of ROHM Semiconductor

Table Sales Revenue, Volume, Price, Cost and Margin of Lelon

Table Sales Revenue, Volume, Price, Cost and Margin of Jianghai

Table Sales Revenue, Volume, Price, Cost and Margin of Yageo

Table Sales Revenue, Volume, Price, Cost and Margin of Aihua Group

Table Sales Revenue, Volume, Price, Cost and Margin of Illinois Capacitor

## List Of Figures

### LIST OF FIGURES

Figure Global Polymer Capacitor Market Size (Million USD) 2017-2025

Figure North America Market Growth 2015-2018

Figure Europe Market Growth 2017-2019

Figure Asia-Pacific Market Growth 2017-2019

Figure South America Market Growth 2017-2019

Figure Middle East & Africa Market Growth 2017-2019

Figure Global Polymer Capacitor Market (Million USD) and Growth Forecast  
(2020-2025)

Figure Global Polymer Capacitor Market Volume (Volume) and Growth Forecast  
(2020-2025)

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