

# 2018-2023 Global Trimmers Variable Capacitors Consumption Market Report

https://marketpublishers.com/r/23312F77516EN.html

Date: June 2018 Pages: 161 Price: US\$ 4,660.00 (Single User License) ID: 23312F77516EN

# **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Trimmers Variable Capacitors market for 2018-2023.

Tuning capacitors may have their capacitance changed by mechanical motion. Generally two versions has to be distinguished

Variable capacitor – variable capacitor for intentionally and repeatedly tuning an oscillator circuit in a radio or another tuned circuit.

Trimmer capacitor – small variable capacitor usually for one-time oscillator circuit internal adjustment

Variable capacitors include capacitors that use a mechanical construction to change the distance between the plates, or the amount of plate surface area which overlaps. They mostly use air as dielectric medium.

Trimmer capacitors are variable capacitors which serve the purpose of initial calibration of equipment during manufacturing or servicing. They are not intended for end-user interaction. Trimmer capacitors are mostly mounted directly on the PCB (Printed Circuit Board), so the user does not have access to them, and set during manufacturing using a small screwdriver. Due to their nature, trimmer capacitors are cheaper than full sized variable capacitors and rated for many fewer adjustments.



Trimmer capacitors are used to initially set oscillator frequency values, latencies, rise and fall times and other variables in a circuit. Should the values drift over time, these trimmer capacitors allow repairmen to re-calibrate equipment when needed. There are two types of trimmer capacitors: air trimmer capacitor and ceramic trimmer capacitor. These two types use different materials as the dielectric. Both types use rotating action to change the capacitance value. The construction of trimmer capacitors is similar to the construction of their larger variant, the variable capacitor. Trimmer capacitors can be made of semi-circular metal plates. One is fixed, while the other can be rotated using a screwdriver.

Murata, Vishay and Voltronics Corporation captured the top three revenue share spots in the Trimmers/Variable Capacitors market in 2015. Murata dominated with 53.62 percent revenue share, followed by Vishay with 10.89 percent revenue share and Voltronics Corporation with 7.81 percent revenue share.

Despite the presence of competition problems, due to the clear global recovery trend, investors are still optimistic about this area, in future still more new investment will enter into the field. Technology and cost are two major problems.

Although sales of Trimmers/Variable Capacitors brought a lot of opportunities, for the new entrants with only advantage in capital but without sufficient support in technology and downstream channels, the research group does not recommend taking risk of entering this market.

Over the next five years, LPI(LP Information) projects that Trimmers Variable Capacitors will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Trimmers Variable Capacitors market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Air gap variable capacitors



Vacuum variable capacitors

SF6 gas filled variable capacitor

Air gap trimmer capacitors

Ceramic trimmer capacitors

Others

Segmentation by application:

Electronic components

Medical devices

Communication equipment

Other Application

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan



Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:



Vishay

Murata

Voltronics Corporation

Tusonix

COMET

Johanson

Sprague goodman

NEWCONT

Best

Fu Shan Electronics

NTSDDZ

Jennings

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

#### **Research objectives**

To study and analyze the global Trimmers Variable Capacitors consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Trimmers Variable Capacitors market by identifying its various subsegments.



Focuses on the key global Trimmers Variable Capacitors manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Trimmers Variable Capacitors with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Trimmers Variable Capacitors submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.



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