

# **Global Encapsulated Resistors Market Size study & Forecast, by Product Type (Below 50 Ohms, 50-200 Ohms, 200-500 Ohms, and Above 500 Ohms) and Application (High Frequency Balancing, Snubbers, and Frequency Conversion) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Encapsulated Resistors Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Encapsulated Resistor refers to a two-terminal electrical part that completes electrical restriction as a circuit segment. In electronic circuits, resistors are utilized for various applications including diminishing current stream, adjustment of signal levels. These resistors are designed to meet mechanical shock and vibration requirements. The increasing expansion of robotic industry and growing application of resistors in electronic gadget circuits as well as strategic initiatives from leading market players are key factors accelerating the market growth.

The rising expansion of robotic industry worldwide contributes to the growth of the Global Encapsulated Resistors Market. For instance, according to Statista – in 2021, the global market for industrial robots was valued at USD 43.8 billion, and the market is projected to grow to USD 70.6 billion by 2028. Moreover, in robotics industry encapsulated resistors are used to resist the flow of electric current and are also used in electric gadgets such as smartphones, electronic appliances among others. Also, increasing demand for consumer electronics and rising investment in renewable energy sources would create lucrative growth prospectus for the market over the forecast period. However, growing preference toward high inductors and capacitance impedes the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Encapsulated Resistors Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the leading region in terms of market share due to factors such as presence of leading market players and growing expansion of robotics industry in the region. Whereas Asia Pacific is estimated as the fastest growing region during the forecast period, owing to factors such as rising number of expansion activities by leading market players as well as increasing investment in renewable energy sources coupled with increasing penetration of smartphones in the region.

Major market player included in this report are:

Texas Components Corporation

Integrated Electronics Technology

FRIZLEN

Ohmite

Spectrex

GINO

Ohms-lab

Sandvik (Kanthal)

Intron

Gurudatta Industries.

Recent Developments in the Market:

In September 2022, UK based TT Electronics Plc launched its new TFHP series thin film, high power chip resistors. These Aluminum Nitride based thin film resistors are intended for precision power supply, power amplifier, and process control applications.

Global Encapsulated Resistors Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Product Type, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in

recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product Type

Below 50 Ohms,

50-200 Ohms,

200-500 Ohms

Above 500 Ohms.

By Application

Frequency Conversion

High Frequency Balancing

Snubbers

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

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