

Global Thick Film Fixed Chip Resistors Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Thick Film Fixed Chip Resistors market size was valued at USD 1708.7 million in 2023 and is forecast to a readjusted size of USD 2580.7 million by 2030 with a CAGR of 6.1% during review period.

Thick Film Fixed Chip Resistors are a type of electronic component used in electronic circuits to provide a fixed resistance value. These resistors are manufactured using a thick film deposition process, where a thick layer of resistive material is applied to a ceramic substrate. The term 'fixed' implies that the resistance value of these resistors is predetermined during the manufacturing process and cannot be adjusted or varied by the end-user.

The industry has a relatively high market concentration rate. Of the major players of SMD thick film chip resistors, Yageo maintained its first place in the ranking in 2023. Yageo accounted for 21.44% of the global SMD thick film chip resistors revenue market share in 2023. Other players accounted for 13.56%, 11.90% including KOA and Walsin Technology. Other key players in this market include Vishay, Fenghua Advanced Technology, Ta-I Technology, Panasonic, Samsung Electro-Mechanics, Rohm, UniOhm, Ralec Electronics, Taiyosha Electric, Tateyama Kagaku Industry and Ever Ohms among others.

Geography-wise, Asia Pacific is likely to exhibit the leading growth rate amongst all key regional markets for SMD thick film chip resistors. China, Japan, Korea, Southeast Asia and India are the key consumption countries in the SMD thick film chip resistors in APAC. Asia Pacific is the largest consumption region of SMD thick film chip resistors,

especially in China, occupied 43.53% of the global market share in 2023. The second place is North America; following Asia Pacific with the consumption market share over 18.21% in 2023.

The Global Info Research report includes an overview of the development of the Thick Film Fixed Chip Resistors industry chain, the market status of Consumer Electronics (1% Tolerance, 5% Tolerance), Telecommunications (1% Tolerance, 5% Tolerance), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Thick Film Fixed Chip Resistors.

Regionally, the report analyzes the Thick Film Fixed Chip Resistors markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Thick Film Fixed Chip Resistors market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Thick Film Fixed Chip Resistors market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Thick Film Fixed Chip Resistors industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., 1% Tolerance, 5% Tolerance).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Thick Film Fixed Chip Resistors market.

Regional Analysis: The report involves examining the Thick Film Fixed Chip Resistors market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer

behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Thick Film Fixed Chip Resistors market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Thick Film Fixed Chip Resistors:

Company Analysis: Report covers individual Thick Film Fixed Chip Resistors manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Thick Film Fixed Chip Resistors. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Consumer Electronics, Telecommunications).

Technology Analysis: Report covers specific technologies relevant to Thick Film Fixed Chip Resistors. It assesses the current state, advancements, and potential future developments in Thick Film Fixed Chip Resistors areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Thick Film Fixed Chip Resistors market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Thick Film Fixed Chip Resistors market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

1% Tolerance

5% Tolerance

0.5% Tolerance

0.1% Tolerance

Others

Market segment by Application

Consumer Electronics

Telecommunications

Automotive

Energy

Industrial

Medical

Others

Major players covered

Yageo

KOA

Walsin Technology

Vishay

Fenghua Advanced Technology

Ta-I Technology

Panasonic

Samsung Electro-Mechanics

Rohm

UniOhm

Ralec Electronics

Taiyosha Electric

Tateyama Kagaku Industry

Ever Ohms Technology

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Thick Film Fixed Chip Resistors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Thick Film Fixed Chip Resistors, with price, sales, revenue and global market share of Thick Film Fixed Chip Resistors from 2019 to 2024.

Chapter 3, the Thick Film Fixed Chip Resistors competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Thick Film Fixed Chip Resistors breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Thick Film Fixed Chip Resistors market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Thick Film Fixed Chip Resistors.

Chapter 14 and 15, to describe Thick Film Fixed Chip Resistors sales channel, distributors, customers, research findings and conclusion.

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