

# Global 1% and 5% Tolerance SMD Thick Film Resistors Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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# **Abstracts**

Surface Mount Device (SMD) thick film resistors are electronic components used in circuitry to control the flow of electric current. These resistors are made using a thick film deposition process, where a resistive paste is printed onto a ceramic substrate and then baked to form the resistive element. SMD thick film resistors are designed for surface mounting onto printed circuit boards (PCBs), offering advantages like space efficiency, ease of automated assembly, and good stability under various operating conditions. They come in various sizes and power ratings, catering to different application needs. The 'thick film' aspect refers to the thicker layer of resistive material compared to thin film resistors, providing different electrical and thermal properties. Compared with other types of tolerance SMD thick film resistors, more than 70% of downstream products use 5% and 1% tolerance SMD thick film resistors.

According to our (Global Info Research) latest study, the global 1% and 5% Tolerance SMD Thick Film Resistors market size was valued at US\$ 1232 million in 2023 and is forecast to a readjusted size of USD 1813 million by 2030 with a CAGR of 5.7% during review period.

This report is a detailed and comprehensive analysis for global 1% and 5% Tolerance SMD Thick Film Resistors market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.



#### **Key Features:**

Global 1% and 5% Tolerance SMD Thick Film Resistors market size and forecasts, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2019-2030

Global 1% and 5% Tolerance SMD Thick Film Resistors market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2019-2030

Global 1% and 5% Tolerance SMD Thick Film Resistors market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2019-2030

Global 1% and 5% Tolerance SMD Thick Film Resistors market shares of main players, shipments in revenue (\$ Million), sales quantity (Million Units), and ASP (US\$/Unit), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for 1% and 5% Tolerance SMD Thick Film Resistors

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global 1% and 5% Tolerance SMD Thick Film Resistors market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Yageo, KOA, Walsin Technology, Vishay, Fenghua Advanced Technology, Ta-I Technology, Panasonic, Samsung Electro-Mechanics, Rohm, UniOhm, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation



1% and 5% Tolerance SMD Thick Film 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. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by	Гуре		
01005			
0201			
0420			
0603			
0805			
1206			
1210			
1812			
2010			
Others			
Market segment by	Application		
Consumer E	lectronics		
Telecommur	ications		
Automotive			
Energy			



Indust	rial
Medica	al
Others	3
Major players	covered
Yageo	
KOA	
Walsir	n Technology
Vishay	,
Fengh	ua Advanced Technology
Ta-l Te	echnology
Panas	onic
Samsı	ung Electro-Mechanics
Rohm	
UniOh	m
Ralec	Electronics
Taiyos	ha Electric
Tateya	ama Kagaku Industry
Ever C	Dhms 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 1% and 5% Tolerance SMD Thick Film Resistors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 1% and 5% Tolerance SMD Thick Film Resistors, with price, sales quantity, revenue, and global market share of 1% and 5% Tolerance SMD Thick Film Resistors from 2019 to 2024.

Chapter 3, the 1% and 5% Tolerance SMD Thick Film Resistors competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 1% and 5% Tolerance SMD Thick Film 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 by Application, with sales market share and growth rate by Type, by 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 2019 to 2024.and 1% and 5% Tolerance SMD Thick Film Resistors market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

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

Global 1% and 5% Tolerance SMD Thick Film Resistors Market 2024 by Manufacturers, Regions, Type and Applicatio...



analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 1% and 5% Tolerance SMD Thick Film Resistors.

Chapter 14 and 15, to describe 1% and 5% Tolerance SMD Thick Film Resistors sales channel, distributors, customers, research findings and conclusion.



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