

# SMD Thick Film Resistors Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Thin and thick film resistors are the most common types in the market. They are characterized by a resistive layer on a ceramic base. Although their appearance might be very similar, their properties and manufacturing process are very different. The naming originates from the different layer thicknesses. Thin film has a thickness in the order of 0.1 micrometer or smaller, while thick film is around thousands time thicker. However, the main difference is method the resistive film is applied onto the substrate. Thin film resistors have a metallic film that is vacuum deposited on an insulating substrate. Thick film resistors are produced by firing a special paste onto the substrate. The paste is a mixture of glass and metal oxides. Thin film is more accurate, has a better temperature coefficient and is more stable. It therefore competes with other technologies that feature high precision, such as wire wound or bulk metal foil. On the other hand, thick film is preferred for applications where these high requirements are not critical since prices are much lower. This report studies the Thick Film Resistors market. This report studies the SMD type Thick Film Resistors.

This report contains market size and forecasts of SMD Thick Film Resistors in global, including the following market information:

Global SMD Thick Film Resistors Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global SMD Thick Film Resistors Market Sales, 2017-2022, 2023-2028, (M Units)

Global top five SMD Thick Film Resistors companies in 2021 (%)

The global SMD Thick Film Resistors market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

1% Tolerance Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of SMD Thick Film Resistors include Yageo, Ta-I Technology Co., Ltd, KOA, Vishay, Ralec Electronics Corp., Walsin Technology Corporation, Fenghua Advanced Technology, Samsung Electro-Mechanics and Panasonic, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the SMD Thick Film Resistors manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global SMD Thick Film Resistors Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (M Units)

Global SMD Thick Film Resistors Market Segment Percentages, by Type, 2021 (%)

1% Tolerance

2% Tolerance

5% Tolerance

Global SMD Thick Film Resistors Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (M Units)

Global SMD Thick Film Resistors Market Segment Percentages, by Application, 2021 (%)

Consumer Electronics

Telecommunications

Automotive and Energy

Industrial and Medical

Others

Global SMD Thick Film Resistors Market, By Region and Country, 2017-2022,  
2023-2028 (\$ Millions) & (M Units)

Global SMD Thick Film Resistors Market Segment Percentages, By Region and  
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies SMD Thick Film Resistors revenues in global market, 2017-2022  
(Estimated), (\$ millions)

Key companies SMD Thick Film Resistors revenues share in global market, 2021 (%)

Key companies SMD Thick Film Resistors sales in global market, 2017-2022  
(Estimated), (M Units)

Key companies SMD Thick Film Resistors sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Yageo

Ta-I Technology Co., Ltd

KOA

Vishay

Ralec Electronics Corp.

Walsin Technology Corporation

Fenghua Advanced Technology

Samsung Electro-Mechanics

Panasonic

Uni Ohm

Rohm Co., Ltd.

Tateyama Kagaku Industry Co., Ltd.

Elektronische Bauelemente GmbH (EBG)

Ever Ohms Technology Co., Ltd.

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