



Thick Film Resistors Industry Research Report 2026

| Industry | Published | Pages | Format |
|-----------------------------|------------|-------|--------|
| Electronics & Semiconductor | 2025-12-26 | 120 | PDF |

| Single User | Multi User | Enterprise |
|-------------|------------|------------|
| USD 2,950 | USD 4,430 | USD 5,900 |

Description

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.

Global Thick Film Resistors key players include Yageo, KOA, Vishay, Panasonic, Recticel, etc. Global top five manufacturers hold a share over 50%.

China is the largest market, with a share about 45%, followed by Europe and Southeast Asia, both have a share about 25 percent.

In terms of product, SMD Type is the largest segment, with a share about 90%. And in terms of application, the largest application is Consumer Electronics, followed by Telecommunications, Automotive/Energy, Industrial/Medical, etc.

Report Scope

This report quantifies the global Thick Film Resistors market in revenue (US\$ million) and, where applicable, sales volume (M Units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/M Units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Thick Film Resistors.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—

where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Thick Film Resistors Market by Company

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.

Thick Film Resistors Segment by Type

SMD Type

Through Hole Type

Thick Film Resistors Segment by Application

Consumer Electronics

Telecommunications

Automotive/Energy

Industrial/Medical

Others

Thick Film Resistors Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia
Taiwan
Southeast Asia
South America
Brazil
Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Thick Film Resistors market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Thick Film Resistors and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Thick Film Resistors.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of Thick Film Resistors manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of Thick Film Resistors by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Thick Film Resistors in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Thick Film Resistors by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 SMD Type
 - 2.2.3 Through Hole Type
- 2.3 Thick Film Resistors by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Consumer Electronics
 - 2.3.3 Telecommunications
 - 2.3.4 Automotive/Energy
 - 2.3.5 Industrial/Medical
 - 2.3.6 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Thick Film Resistors Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Thick Film Resistors Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Thick Film Resistors Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Thick Film Resistors Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global Thick Film Resistors Production by Manufacturers (2021-2026)
- 3.2 Global Thick Film Resistors Production Value by Manufacturers (2021-2026)
- 3.3 Global Thick Film Resistors Average Price by Manufacturers (2021-2026)
- 3.4 Global Thick Film Resistors Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Thick Film Resistors Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Thick Film Resistors Manufacturers, Product Type & Application
- 3.7 Global Thick Film Resistors Manufacturers Established Date
- 3.8 Global Thick Film Resistors Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 Yageo
 - 4.1.1 Yageo Thick Film Resistors Company Information
 - 4.1.2 Yageo Thick Film Resistors Business Overview
 - 4.1.3 Yageo Thick Film Resistors Production, Value and Gross Margin (2021-2026)
 - 4.1.4 Yageo Product Portfolio
 - 4.1.5 Yageo Recent Developments

4.2 Ta-I Technology Co., Ltd

4.2.1 Ta-I Technology Co., Ltd Thick Film Resistors Company Information

4.2.2 Ta-I Technology Co., Ltd Thick Film Resistors Business Overview

4.2.3 Ta-I Technology Co., Ltd Thick Film Resistors Production, Value and Gross Margin (2021-2026)

4.2.4 Ta-I Technology Co., Ltd Product Portfolio

4.2.5 Ta-I Technology Co., Ltd Recent Developments

4.3 KOA

4.3.1 KOA Thick Film Resistors Company Information

4.3.2 KOA Thick Film Resistors Business Overview

4.3.3 KOA Thick Film Resistors Production, Value and Gross Margin (2021-2026)

4.3.4 KOA Product Portfolio

4.3.5 KOA Recent Developments

4.4 Vishay

4.4.1 Vishay Thick Film Resistors Company Information

4.4.2 Vishay Thick Film Resistors Business Overview

4.4.3 Vishay Thick Film Resistors Production, Value and Gross Margin (2021-2026)

4.4.4 Vishay Product Portfolio

4.4.5 Vishay Recent Developments

4.5 Ralec Electronics Corp.

4.5.1 Ralec Electronics Corp. Thick Film Resistors Company Information

4.5.2 Ralec Electronics Corp. Thick Film Resistors Business Overview

4.5.3 Ralec Electronics Corp. Thick Film Resistors Production, Value and Gross Margin (2021-2026)

4.5.4 Ralec Electronics Corp. Product Portfolio

4.5.5 Ralec Electronics Corp. Recent Developments

4.6 Walsin Technology Corporation

4.6.1 Walsin Technology Corporation Thick Film Resistors Company Information

4.6.2 Walsin Technology Corporation Thick Film Resistors Business Overview

4.6.3 Walsin Technology Corporation Thick Film Resistors Production, Value and Gross Margin (2021-2026)

4.6.4 Walsin Technology Corporation Product Portfolio

4.6.5 Walsin Technology Corporation Recent Developments

4.7 Fenghua Advanced Technology

4.7.1 Fenghua Advanced Technology Thick Film Resistors Company Information

4.7.2 Fenghua Advanced Technology Thick Film Resistors Business Overview

4.7.3 Fenghua Advanced Technology Thick Film Resistors Production, Value and Gross Margin (2021-2026)

4.7.4 Fenghua Advanced Technology Product Portfolio

4.7.5 Fenghua Advanced Technology Recent Developments

4.8 Samsung Electro-Mechanics

4.8.1 Samsung Electro-Mechanics Thick Film Resistors Company Information

4.8.2 Samsung Electro-Mechanics Thick Film Resistors Business Overview

4.8.3 Samsung Electro-Mechanics Thick Film Resistors Production, Value and Gross Margin (2021-2026)

4.8.4 Samsung Electro-Mechanics Product Portfolio

4.8.5 Samsung Electro-Mechanics Recent Developments

4.9 Panasonic

4.9.1 Panasonic Thick Film Resistors Company Information

4.9.2 Panasonic Thick Film Resistors Business Overview

4.9.3 Panasonic Thick Film Resistors Production, Value and Gross Margin (2021-2026)

4.9.4 Panasonic Product Portfolio

4.9.5 Panasonic Recent Developments

4.10 Uni Ohm

- 4.10.1 Uni Ohm Thick Film Resistors Company Information
- 4.10.2 Uni Ohm Thick Film Resistors Business Overview
- 4.10.3 Uni Ohm Thick Film Resistors Production, Value and Gross Margin (2021-2026)
- 4.10.4 Uni Ohm Product Portfolio
- 4.10.5 Uni Ohm Recent Developments

4.11 Rohm Co., Ltd.

- 4.11.1 Rohm Co., Ltd. Thick Film Resistors Company Information
- 4.11.2 Rohm Co., Ltd. Thick Film Resistors Business Overview
- 4.11.3 Rohm Co., Ltd. Thick Film Resistors Production, Value and Gross Margin (2021-2026)
- 4.11.4 Rohm Co., Ltd. Product Portfolio
- 4.11.5 Rohm Co., Ltd. Recent Developments

4.12 Tateyama Kagaku Industry Co., Ltd.

- 4.12.1 Tateyama Kagaku Industry Co., Ltd. Thick Film Resistors Company Information
- 4.12.2 Tateyama Kagaku Industry Co., Ltd. Thick Film Resistors Business Overview
- 4.12.3 Tateyama Kagaku Industry Co., Ltd. Thick Film Resistors Production, Value and Gross Margin (2021-2026)
- 4.12.4 Tateyama Kagaku Industry Co., Ltd. Product Portfolio
- 4.12.5 Tateyama Kagaku Industry Co., Ltd. Recent Developments

4.13 Elektronische Bauelemente GmbH (EBG)

- 4.13.1 Elektronische Bauelemente GmbH (EBG) Thick Film Resistors Company Information
- 4.13.2 Elektronische Bauelemente GmbH (EBG) Thick Film Resistors Business Overview
- 4.13.3 Elektronische Bauelemente GmbH (EBG) Thick Film Resistors Production, Value and Gross Margin (2021-2026)
- 4.13.4 Elektronische Bauelemente GmbH (EBG) Product Portfolio
- 4.13.5 Elektronische Bauelemente GmbH (EBG) Recent Developments

4.14 Ever Ohms Technology Co., Ltd.

- 4.14.1 Ever Ohms Technology Co., Ltd. Thick Film Resistors Company Information
- 4.14.2 Ever Ohms Technology Co., Ltd. Thick Film Resistors Business Overview
- 4.14.3 Ever Ohms Technology Co., Ltd. Thick Film Resistors Production, Value and Gross Margin (2021-2026)
- 4.14.4 Ever Ohms Technology Co., Ltd. Product Portfolio
- 4.14.5 Ever Ohms Technology Co., Ltd. Recent Developments

5 Global Thick Film Resistors Production by Region

- 5.1 Global Thick Film Resistors Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.2 Global Thick Film Resistors Production by Region: 2021-2032
 - 5.2.1 Global Thick Film Resistors Production by Region: 2021-2026
 - 5.2.2 Global Thick Film Resistors Production Forecast by Region (2027-2032)
- 5.3 Global Thick Film Resistors Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.4 Global Thick Film Resistors Production Value by Region: 2021-2032
 - 5.4.1 Global Thick Film Resistors Production Value by Region: 2021-2026
 - 5.4.2 Global Thick Film Resistors Production Value Forecast by Region (2027-2032)
- 5.5 Global Thick Film Resistors Market Price Analysis by Region (2021-2026)
- 5.6 Global Thick Film Resistors Production and Value, YOY Growth
 - 5.6.1 North America Thick Film Resistors Production Value Estimates and Forecasts (2021-2032)
 - 5.6.2 Europe Thick Film Resistors Production Value Estimates and Forecasts (2021-2032)
 - 5.6.3 China Thick Film Resistors Production Value Estimates and Forecasts (2021-2032)
 - 5.6.4 Japan Thick Film Resistors Production Value Estimates and Forecasts (2021-2032)
 - 5.6.5 South Korea Thick Film Resistors Production Value Estimates and Forecasts (2021-2032)

6 Global Thick Film Resistors Consumption by Region

6.1 Global Thick Film Resistors Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

6.2 Global Thick Film Resistors Consumption by Region (2021-2032)

6.2.1 Global Thick Film Resistors Consumption by Region: 2021-2026

6.2.2 Global Thick Film Resistors Forecasted Consumption by Region (2027-2032)

6.3 North America

6.3.1 North America Thick Film Resistors Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.3.2 North America Thick Film Resistors Consumption by Country (2021-2032)

6.3.3 United States

6.3.4 Canada

6.3.5 Mexico

6.4 Europe

6.4.1 Europe Thick Film Resistors Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.4.2 Europe Thick Film Resistors Consumption by Country (2021-2032)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.4.8 Spain

6.4.9 Netherlands

6.4.10 Switzerland

6.4.11 Sweden

6.4.12 Poland

6.5 Asia Pacific

6.5.1 Asia Pacific Thick Film Resistors Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.5.2 Asia Pacific Thick Film Resistors Consumption by Country (2021-2032)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 India

6.5.7 Australia

6.5.8 Taiwan

6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa Thick Film Resistors Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa Thick Film Resistors Consumption by Country (2021-2032)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

7 Segment by Type

7.1 Global Thick Film Resistors Production by Type (2021-2032)

7.1.1 Global Thick Film Resistors Production by Type (2021-2032) & (M Units)

7.1.2 Global Thick Film Resistors Production Market Share by Type (2021-2032)

7.2 Global Thick Film Resistors Production Value by Type (2021-2032)

7.2.1 Global Thick Film Resistors Production Value by Type (2021-2032) & (US\$ Million)

7.2.2 Global Thick Film Resistors Production Value Market Share by Type (2021-2032)

7.3 Global Thick Film Resistors Price by Type (2021-2032)

8 Segment by Application

8.1 Global Thick Film Resistors Production by Application (2021-2032)

8.1.1 Global Thick Film Resistors Production by Application (2021-2032) & (M Units)

8.1.2 Global Thick Film Resistors Production Market Share by Application (2021-2032)

8.2 Global Thick Film Resistors Production Value by Application (2021-2032)

8.2.1 Global Thick Film Resistors Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global Thick Film Resistors Production Value Market Share by Application (2021-2032)

8.3 Global Thick Film Resistors Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

9.1 Thick Film Resistors Value Chain Analysis

9.1.1 Thick Film Resistors Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Thick Film Resistors Production Mode & Process

9.2 Thick Film Resistors Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Thick Film Resistors Distributors

9.2.3 Thick Film Resistors Customers

10 Global Thick Film Resistors Analyzing Market Dynamics

10.1 Thick Film Resistors Industry Trends

10.2 Thick Film Resistors Industry Drivers

10.3 Thick Film Resistors Industry Opportunities and Challenges

10.4 Thick Film Resistors Industry Restraints

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Thick Film Resistors Production by Manufacturers (M Units) & (2021-2026)
- Table 6: Global Thick Film Resistors Production Market Share by Manufacturers
- Table 7: Global Thick Film Resistors Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Thick Film Resistors Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Thick Film Resistors Average Price (USD/Unit) of Manufacturers (2021-2026)
- Table 10: Global Thick Film Resistors Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Thick Film Resistors Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Thick Film Resistors Manufacturers, Product Type & Application
- Table 13: Global Thick Film Resistors Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Thick Film Resistors by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Yageo Company Information
- Table 18: Yageo Business Overview
- Table 19: Yageo Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 20: Yageo Thick Film Resistors Product Portfolio
- Table 21: Yageo Recent Development
- Table 22: Ta-I Technology Co., Ltd Company Information
- Table 23: Ta-I Technology Co., Ltd Business Overview
- Table 24: Ta-I Technology Co., Ltd Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 25: Ta-I Technology Co., Ltd Thick Film Resistors Product Portfolio
- Table 26: Ta-I Technology Co., Ltd Recent Development
- Table 27: KOA Company Information
- Table 28: KOA Business Overview
- Table 29: KOA Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 30: KOA Thick Film Resistors Product Portfolio
- Table 31: KOA Recent Development
- Table 32: Vishay Company Information
- Table 33: Vishay Business Overview
- Table 34: Vishay Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 35: Vishay Thick Film Resistors Product Portfolio
- Table 36: Vishay Recent Development
- Table 37: Ralec Electronics Corp. Company Information
- Table 38: Ralec Electronics Corp. Business Overview
- Table 39: Ralec Electronics Corp. Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 40: Ralec Electronics Corp. Thick Film Resistors Product Portfolio
- Table 41: Ralec Electronics Corp. Recent Development
- Table 42: Walsin Technology Corporation Company Information
- Table 43: Walsin Technology Corporation Business Overview
- Table 44: Walsin Technology Corporation Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 45: Walsin Technology Corporation Thick Film Resistors Product Portfolio
- Table 46: Walsin Technology Corporation Recent Development
- Table 47: Fenghua Advanced Technology Company Information
- Table 48: Fenghua Advanced Technology Business Overview

- Table 49: Fenghua Advanced Technology Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 50: Fenghua Advanced Technology Thick Film Resistors Product Portfolio
- Table 51: Fenghua Advanced Technology Recent Development
- Table 52: Samsung Electro-Mechanics Company Information
- Table 53: Samsung Electro-Mechanics Business Overview
- Table 54: Samsung Electro-Mechanics Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 55: Samsung Electro-Mechanics Thick Film Resistors Product Portfolio
- Table 56: Samsung Electro-Mechanics Recent Development
- Table 57: Panasonic Company Information
- Table 58: Panasonic Business Overview
- Table 59: Panasonic Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 60: Panasonic Thick Film Resistors Product Portfolio
- Table 61: Panasonic Recent Development
- Table 62: Uni Ohm Company Information
- Table 63: Uni Ohm Business Overview
- Table 64: Uni Ohm Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 65: Uni Ohm Thick Film Resistors Product Portfolio
- Table 66: Uni Ohm Recent Development
- Table 67: Rohm Co., Ltd. Company Information
- Table 68: Rohm Co., Ltd. Business Overview
- Table 69: Rohm Co., Ltd. Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 70: Rohm Co., Ltd. Thick Film Resistors Product Portfolio
- Table 71: Rohm Co., Ltd. Recent Development
- Table 72: Tateyama Kagaku Industry Co., Ltd. Company Information
- Table 73: Tateyama Kagaku Industry Co., Ltd. Business Overview
- Table 74: Tateyama Kagaku Industry Co., Ltd. Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 75: Tateyama Kagaku Industry Co., Ltd. Thick Film Resistors Product Portfolio
- Table 76: Tateyama Kagaku Industry Co., Ltd. Recent Development
- Table 77: Elektronische Bauelemente GmbH (EBG) Company Information
- Table 78: Elektronische Bauelemente GmbH (EBG) Business Overview
- Table 79: Elektronische Bauelemente GmbH (EBG) Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 80: Elektronische Bauelemente GmbH (EBG) Thick Film Resistors Product Portfolio
- Table 81: Elektronische Bauelemente GmbH (EBG) Recent Development
- Table 82: Ever Ohms Technology Co., Ltd. Company Information
- Table 83: Ever Ohms Technology Co., Ltd. Business Overview
- Table 84: Ever Ohms Technology Co., Ltd. Thick Film Resistors Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 85: Ever Ohms Technology Co., Ltd. Thick Film Resistors Product Portfolio
- Table 86: Ever Ohms Technology Co., Ltd. Recent Development
- Table 87: Global Thick Film Resistors Production Comparison by Region: 2021 VS 2025 VS 2032 (M Units)
- Table 88: Global Thick Film Resistors Production by Region (2021-2026) & (M Units)
- Table 89: Global Thick Film Resistors Production Market Share by Region (2021-2026)
- Table 90: Global Thick Film Resistors Production Forecast by Region (2027-2032) & (M Units)
- Table 91: Global Thick Film Resistors Production Market Share Forecast by Region (2027-2032)
- Table 92: Global Thick Film Resistors Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 93: Global Thick Film Resistors Production Value by Region (2021-2026) & (US\$ Million)
- Table 94: Global Thick Film Resistors Production Value Market Share by Region (2021-2026)
- Table 95: Global Thick Film Resistors Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 96: Global Thick Film Resistors Market Average Price (USD/Unit) by Region (2021-2026)
- Table 97: Global Thick Film Resistors Market Average Price (USD/Unit) by Region (2027-2032)
- Table 98: Global Thick Film Resistors Consumption Comparison by Region: 2021 VS 2025 VS 2032 (M Units)
- Table 99: Global Thick Film Resistors Consumption by Region (2021-2026) & (M Units)
- Table 100: Global Thick Film Resistors Consumption Market Share by Region (2021-2026)
- Table 101: Global Thick Film Resistors Forecasted Consumption by Region (2027-2032) & (M Units)
- Table 102: Global Thick Film Resistors Forecasted Consumption Market Share by Region (2027-2032)
- Table 103: North America Thick Film Resistors Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (M Units)
- Table 104: North America Thick Film Resistors Consumption by Country (2021-2026) & (M Units)
- Table 105: North America Thick Film Resistors Consumption by Country (2027-2032) & (M Units)

- Table 106: Europe Thick Film Resistors Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (M Units)
- Table 107: Europe Thick Film Resistors Consumption by Country (2021-2026) & (M Units)
- Table 108: Europe Thick Film Resistors Consumption by Country (2027-2032) & (M Units)
- Table 109: Asia Pacific Thick Film Resistors Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (M Units)
- Table 110: Asia Pacific Thick Film Resistors Consumption by Country (2021-2026) & (M Units)
- Table 111: Asia Pacific Thick Film Resistors Consumption by Country (2027-2032) & (M Units)
- Table 112: South America, Middle East & Africa Thick Film Resistors Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (M Units)
- Table 113: South America, Middle East & Africa Thick Film Resistors Consumption by Country (2021-2026) & (M Units)
- Table 114: South America, Middle East & Africa Thick Film Resistors Consumption by Country (2027-2032) & (M Units)
- Table 115: Global Thick Film Resistors Production by Type (2021-2026) & (M Units)
- Table 116: Global Thick Film Resistors Production by Type (2027-2032) & (M Units)
- Table 117: Global Thick Film Resistors Production Market Share by Type (2021-2026)
- Table 118: Global Thick Film Resistors Production Market Share by Type (2027-2032)
- Table 119: Global Thick Film Resistors Production Value by Type (2021-2026) & (US\$ Million)
- Table 120: Global Thick Film Resistors Production Value by Type (2027-2032) & (US\$ Million)
- Table 121: Global Thick Film Resistors Production Value Market Share by Type (2021-2026)
- Table 122: Global Thick Film Resistors Production Value Market Share by Type (2027-2032)
- Table 123: Global Thick Film Resistors Price by Type (2021-2026) & (USD/Unit)
- Table 124: Global Thick Film Resistors Price by Type (2027-2032) & (USD/Unit)
- Table 125: Global Thick Film Resistors Production by Application (2021-2026) & (M Units)
- Table 126: Global Thick Film Resistors Production by Application (2027-2032) & (M Units)
- Table 127: Global Thick Film Resistors Production Market Share by Application (2021-2026)
- Table 128: Global Thick Film Resistors Production Market Share by Application (2027-2032)
- Table 129: Global Thick Film Resistors Production Value by Application (2021-2026) & (US\$ Million)
- Table 130: Global Thick Film Resistors Production Value by Application (2027-2032) & (US\$ Million)
- Table 131: Global Thick Film Resistors Production Value Market Share by Application (2021-2026)
- Table 132: Global Thick Film Resistors Production Value Market Share by Application (2027-2032)
- Table 133: Global Thick Film Resistors Price by Application (2021-2026) & (USD/Unit)
- Table 134: Global Thick Film Resistors Price by Application (2027-2032) & (USD/Unit)
- Table 135: Key Raw Materials
- Table 136: Raw Materials Key Suppliers
- Table 137: Thick Film Resistors Distributors List
- Table 138: Thick Film Resistors Customers List
- Table 139: Thick Film Resistors Industry Trends
- Table 140: Thick Film Resistors Industry Drivers
- Table 141: Thick Film Resistors Industry Restraints
- Table 142: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Thick Film Resistors Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: SMD Type Product Image
- Figure 7: Through Hole Type Product Image
- Figure 8: Consumer Electronics Product Image
- Figure 9: Telecommunications Product Image
- Figure 10: Automotive/Energy Product Image
- Figure 11: Industrial/Medical Product Image
- Figure 12: Others Product Image
- Figure 13: Global Thick Film Resistors Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 14: Global Thick Film Resistors Production Value (2021-2032) & (US\$ Million)
- Figure 15: Global Thick Film Resistors Production Capacity (2021-2032) & (M Units)
- Figure 16: Global Thick Film Resistors Production (2021-2032) & (M Units)
- Figure 17: Global Thick Film Resistors Average Price (USD/Unit) & (2021-2032)
- Figure 18: Global Thick Film Resistors Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 19: Global Top 5 and 10 Thick Film Resistors Players Market Share by Production Value in 2025
- Figure 20: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 21: Global Thick Film Resistors Production Comparison by Region: 2021 VS 2025 VS 2032 (M Units)
- Figure 22: Global Thick Film Resistors Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 23: Global Thick Film Resistors Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)

- Figure 24: Global Thick Film Resistors Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 25: North America Thick Film Resistors Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 26: Europe Thick Film Resistors Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: China Thick Film Resistors Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Japan Thick Film Resistors Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: South Korea Thick Film Resistors Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 30: Global Thick Film Resistors Consumption Comparison by Region: 2021 VS 2025 VS 2032 (M Units)
- Figure 31: Global Thick Film Resistors Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 32: North America Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 33: North America Thick Film Resistors Consumption Market Share by Country (2021-2032)
- Figure 34: United States Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 35: United States Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 36: Canada Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 37: Mexico Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 38: Europe Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 39: Europe Thick Film Resistors Consumption Market Share by Country (2021-2032)
- Figure 40: Germany Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 41: France Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 42: U.K. Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 43: Italy Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 44: Russia Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 45: Spain Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 46: Netherlands Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 47: Switzerland Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 48: Sweden Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 49: Poland Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 50: Asia Pacific Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 51: Asia Pacific Thick Film Resistors Consumption Market Share by Country (2021-2032)
- Figure 52: China Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 53: Japan Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 54: South Korea Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 55: India Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 56: Australia Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 57: Taiwan Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 58: Southeast Asia Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 59: South America, Middle East & Africa Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 60: South America, Middle East & Africa Thick Film Resistors Consumption Market Share by Country (2021-2032)
- Figure 61: Brazil Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 62: Argentina Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 63: Chile Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 64: Turkey Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 65: GCC Countries Thick Film Resistors Consumption and Growth Rate (2021-2032) & (M Units)
- Figure 66: Global Thick Film Resistors Production Market Share by Type (2021-2032)
- Figure 67: Global Thick Film Resistors Production Value Market Share by Type (2021-2032)
- Figure 68: Global Thick Film Resistors Price (USD/Unit) by Type (2021-2032)
- Figure 69: Global Thick Film Resistors Production Market Share by Application (2021-2032)
- Figure 70: Global Thick Film Resistors Production Value Market Share by Application (2021-2032)
- Figure 71: Global Thick Film Resistors Price (USD/Unit) by Application (2021-2032)
- Figure 72: Thick Film Resistors Value Chain
- Figure 73: Thick Film Resistors Production Mode & Process
- Figure 74: Direct Comparison with Distribution Share
- Figure 75: Distributors Profiles
- Figure 76: Thick Film Resistors Industry Opportunities and Challenges