

Global Automotive Grade SMD Thick Film Resistors Market Growth 2026-2032

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Abstracts

The global Automotive Grade SMD Thick Film Resistors market size is predicted to grow from US\$ 394 million in 2025 to US\$ 658 million in 2032; it is expected to grow at a CAGR of 7.7% from 2026 to 2032.

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. This report studies the Automotive Grade SMD Thick Film Resistors market.

United States market for Automotive Grade SMD Thick Film Resistors is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Automotive Grade SMD Thick Film Resistors is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Automotive Grade SMD Thick Film Resistors is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Automotive Grade SMD Thick Film Resistors players cover Yageo, KOA, Walsin Technology, Vishay, Fenghua Advanced Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Automotive Grade SMD Thick Film Resistors Industry Forecast" looks at past sales and reviews total world Automotive Grade SMD Thick Film Resistors sales in 2025, providing a comprehensive analysis by region and market sector of projected Automotive Grade SMD Thick Film Resistors sales for 2026 through 2032. With Automotive Grade SMD Thick Film Resistors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive Grade SMD Thick Film Resistors industry.

This Insight Report provides a comprehensive analysis of the global Automotive Grade SMD Thick Film Resistors landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Automotive Grade SMD Thick Film Resistors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive Grade SMD Thick Film Resistors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive Grade SMD Thick Film Resistors and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Automotive Grade SMD Thick Film Resistors.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Grade SMD Thick Film Resistors market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

1% Tolerance

5% Tolerance

Others

Segmentation by Application:

Electric Vehicle

Fuel Vehicle

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

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

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive Grade SMD Thick Film Resistors market?

What factors are driving Automotive Grade SMD Thick Film Resistors market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Automotive Grade SMD Thick Film Resistors market opportunities vary by end market size?

How does Automotive Grade SMD Thick Film Resistors break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Automotive Grade SMD Thick Film Resistors Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Automotive Grade SMD Thick Film Resistors by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Automotive Grade SMD Thick Film Resistors by Country/Region, 2021, 2025 & 2032

2.2 Automotive Grade SMD Thick Film Resistors Segment by Type

- 2.2.1 1% Tolerance
- 2.2.2 5% Tolerance
- 2.2.3 Others
- 2.2.4 Automotive Grade SMD Thick Film Resistors Sales by Type
 - 2.2.4.1 Global Automotive Grade SMD Thick Film Resistors Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Automotive Grade SMD Thick Film Resistors Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Automotive Grade SMD Thick Film Resistors Sale Price by Type (2021-2026)

2.3 Automotive Grade SMD Thick Film Resistors Segment by Application

- 2.3.1 Electric Vehicle
- 2.3.2 Fuel Vehicle
- 2.3.3 Automotive Grade SMD Thick Film Resistors Sales by Application
 - 2.3.3.1 Global Automotive Grade SMD Thick Film Resistors Sale Market Share by Application (2021-2026)
 - 2.3.3.2 Global Automotive Grade SMD Thick Film Resistors Revenue and Market

Share by Application (2021-2026)

2.3.3.3 Global Automotive Grade SMD Thick Film Resistors Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Automotive Grade SMD Thick Film Resistors Breakdown Data by Company

3.1.1 Global Automotive Grade SMD Thick Film Resistors Annual Sales by Company (2021-2026)

3.1.2 Global Automotive Grade SMD Thick Film Resistors Sales Market Share by Company (2021-2026)

3.2 Global Automotive Grade SMD Thick Film Resistors Annual Revenue by Company (2021-2026)

3.2.1 Global Automotive Grade SMD Thick Film Resistors Revenue by Company (2021-2026)

3.2.2 Global Automotive Grade SMD Thick Film Resistors Revenue Market Share by Company (2021-2026)

3.3 Global Automotive Grade SMD Thick Film Resistors Sale Price by Company

3.4 Key Manufacturers Automotive Grade SMD Thick Film Resistors Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Automotive Grade SMD Thick Film Resistors Product Location Distribution

3.4.2 Players Automotive Grade SMD Thick Film Resistors Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR AUTOMOTIVE GRADE SMD THICK FILM RESISTORS BY GEOGRAPHIC REGION

4.1 World Historic Automotive Grade SMD Thick Film Resistors Market Size by Geographic Region (2021-2026)

4.1.1 Global Automotive Grade SMD Thick Film Resistors Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Automotive Grade SMD Thick Film Resistors Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Automotive Grade SMD Thick Film Resistors Market Size by

Country/Region (2021-2026)

4.2.1 Global Automotive Grade SMD Thick Film Resistors Annual Sales by Country/Region (2021-2026)

4.2.2 Global Automotive Grade SMD Thick Film Resistors Annual Revenue by Country/Region (2021-2026)

4.3 Americas Automotive Grade SMD Thick Film Resistors Sales Growth

4.4 APAC Automotive Grade SMD Thick Film Resistors Sales Growth

4.5 Europe Automotive Grade SMD Thick Film Resistors Sales Growth

4.6 Middle East & Africa Automotive Grade SMD Thick Film Resistors Sales Growth

5 AMERICAS

5.1 Americas Automotive Grade SMD Thick Film Resistors Sales by Country

5.1.1 Americas Automotive Grade SMD Thick Film Resistors Sales by Country (2021-2026)

5.1.2 Americas Automotive Grade SMD Thick Film Resistors Revenue by Country (2021-2026)

5.2 Americas Automotive Grade SMD Thick Film Resistors Sales by Type (2021-2026)

5.3 Americas Automotive Grade SMD Thick Film Resistors Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Automotive Grade SMD Thick Film Resistors Sales by Region

6.1.1 APAC Automotive Grade SMD Thick Film Resistors Sales by Region (2021-2026)

6.1.2 APAC Automotive Grade SMD Thick Film Resistors Revenue by Region (2021-2026)

6.2 APAC Automotive Grade SMD Thick Film Resistors Sales by Type (2021-2026)

6.3 APAC Automotive Grade SMD Thick Film Resistors Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Automotive Grade SMD Thick Film Resistors by Country
 - 7.1.1 Europe Automotive Grade SMD Thick Film Resistors Sales by Country (2021-2026)
 - 7.1.2 Europe Automotive Grade SMD Thick Film Resistors Revenue by Country (2021-2026)
- 7.2 Europe Automotive Grade SMD Thick Film Resistors Sales by Type (2021-2026)
- 7.3 Europe Automotive Grade SMD Thick Film Resistors Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Automotive Grade SMD Thick Film Resistors by Country
 - 8.1.1 Middle East & Africa Automotive Grade SMD Thick Film Resistors Sales by Country (2021-2026)
 - 8.1.2 Middle East & Africa Automotive Grade SMD Thick Film Resistors Revenue by Country (2021-2026)
- 8.2 Middle East & Africa Automotive Grade SMD Thick Film Resistors Sales by Type (2021-2026)
- 8.3 Middle East & Africa Automotive Grade SMD Thick Film Resistors Sales by Application (2021-2026)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Automotive Grade SMD Thick Film Resistors

10.3 Manufacturing Process Analysis of Automotive Grade SMD Thick Film Resistors

10.4 Industry Chain Structure of Automotive Grade SMD Thick Film Resistors

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Automotive Grade SMD Thick Film Resistors Distributors

11.3 Automotive Grade SMD Thick Film Resistors Customer

12 WORLD FORECAST REVIEW FOR AUTOMOTIVE GRADE SMD THICK FILM RESISTORS BY GEOGRAPHIC REGION

12.1 Global Automotive Grade SMD Thick Film Resistors Market Size Forecast by Region

12.1.1 Global Automotive Grade SMD Thick Film Resistors Forecast by Region (2027-2032)

12.1.2 Global Automotive Grade SMD Thick Film Resistors Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Automotive Grade SMD Thick Film Resistors Forecast by Type (2027-2032)

12.7 Global Automotive Grade SMD Thick Film Resistors Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Yageo

13.1.1 Yageo Company Information

13.1.2 Yageo Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

13.1.3 Yageo Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Yageo Main Business Overview

13.1.5 Yageo Latest Developments

13.2 KOA

13.2.1 KOA Company Information

13.2.2 KOA Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

13.2.3 KOA Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 KOA Main Business Overview

13.2.5 KOA Latest Developments

13.3 Walsin Technology

13.3.1 Walsin Technology Company Information

13.3.2 Walsin Technology Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

13.3.3 Walsin Technology Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Walsin Technology Main Business Overview

13.3.5 Walsin Technology Latest Developments

13.4 Vishay

13.4.1 Vishay Company Information

13.4.2 Vishay Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

13.4.3 Vishay Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Vishay Main Business Overview

13.4.5 Vishay Latest Developments

13.5 Fenghua Advanced Technology

13.5.1 Fenghua Advanced Technology Company Information

13.5.2 Fenghua Advanced Technology Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

13.5.3 Fenghua Advanced Technology Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Fenghua Advanced Technology Main Business Overview

- 13.5.5 Fenghua Advanced Technology Latest Developments
- 13.6 Ta-I Technology
 - 13.6.1 Ta-I Technology Company Information
 - 13.6.2 Ta-I Technology Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications
 - 13.6.3 Ta-I Technology Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 Ta-I Technology Main Business Overview
 - 13.6.5 Ta-I Technology Latest Developments
- 13.7 Panasonic
 - 13.7.1 Panasonic Company Information
 - 13.7.2 Panasonic Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications
 - 13.7.3 Panasonic Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 Panasonic Main Business Overview
 - 13.7.5 Panasonic Latest Developments
- 13.8 Samsung Electro-Mechanics
 - 13.8.1 Samsung Electro-Mechanics Company Information
 - 13.8.2 Samsung Electro-Mechanics Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications
 - 13.8.3 Samsung Electro-Mechanics Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 Samsung Electro-Mechanics Main Business Overview
 - 13.8.5 Samsung Electro-Mechanics Latest Developments
- 13.9 Rohm
 - 13.9.1 Rohm Company Information
 - 13.9.2 Rohm Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications
 - 13.9.3 Rohm Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.9.4 Rohm Main Business Overview
 - 13.9.5 Rohm Latest Developments
- 13.10 UniOhm
 - 13.10.1 UniOhm Company Information
 - 13.10.2 UniOhm Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications
 - 13.10.3 UniOhm Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.10.4 UniOhm Main Business Overview
- 13.10.5 UniOhm Latest Developments
- 13.11 Ralec Electronics
 - 13.11.1 Ralec Electronics Company Information
 - 13.11.2 Ralec Electronics Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications
 - 13.11.3 Ralec Electronics Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.11.4 Ralec Electronics Main Business Overview
 - 13.11.5 Ralec Electronics Latest Developments
- 13.12 Taiyosha Electric
 - 13.12.1 Taiyosha Electric Company Information
 - 13.12.2 Taiyosha Electric Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications
 - 13.12.3 Taiyosha Electric Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.12.4 Taiyosha Electric Main Business Overview
 - 13.12.5 Taiyosha Electric Latest Developments
- 13.13 Tateyama Kagaku Industry
 - 13.13.1 Tateyama Kagaku Industry Company Information
 - 13.13.2 Tateyama Kagaku Industry Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications
 - 13.13.3 Tateyama Kagaku Industry Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.13.4 Tateyama Kagaku Industry Main Business Overview
 - 13.13.5 Tateyama Kagaku Industry Latest Developments
- 13.14 Ever Ohms Technology
 - 13.14.1 Ever Ohms Technology Company Information
 - 13.14.2 Ever Ohms Technology Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications
 - 13.14.3 Ever Ohms Technology Automotive Grade SMD Thick Film Resistors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.14.4 Ever Ohms Technology Main Business Overview
 - 13.14.5 Ever Ohms Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Automotive Grade SMD Thick Film Resistors Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Automotive Grade SMD Thick Film Resistors Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of 1% Tolerance
- Table 4. Major Players of 5% Tolerance
- Table 5. Major Players of Others
- Table 6. Global Automotive Grade SMD Thick Film Resistors Sales by Type (2021-2026) & (Million Units)
- Table 7. Global Automotive Grade SMD Thick Film Resistors Sales Market Share by Type (2021-2026)
- Table 8. Global Automotive Grade SMD Thick Film Resistors Revenue by Type (2021-2026) & (\$ million)
- Table 9. Global Automotive Grade SMD Thick Film Resistors Revenue Market Share by Type (2021-2026)
- Table 10. Global Automotive Grade SMD Thick Film Resistors Sale Price by Type (2021-2026) & (US\$/Unit)
- Table 11. Global Automotive Grade SMD Thick Film Resistors Sale by Application (2021-2026) & (Million Units)
- Table 12. Global Automotive Grade SMD Thick Film Resistors Sale Market Share by Application (2021-2026)
- Table 13. Global Automotive Grade SMD Thick Film Resistors Revenue by Application (2021-2026) & (\$ million)
- Table 14. Global Automotive Grade SMD Thick Film Resistors Revenue Market Share by Application (2021-2026)
- Table 15. Global Automotive Grade SMD Thick Film Resistors Sale Price by Application (2021-2026) & (US\$/Unit)
- Table 16. Global Automotive Grade SMD Thick Film Resistors Sales by Company (2021-2026) & (Million Units)
- Table 17. Global Automotive Grade SMD Thick Film Resistors Sales Market Share by Company (2021-2026)
- Table 18. Global Automotive Grade SMD Thick Film Resistors Revenue by Company (2021-2026) & (\$ millions)
- Table 19. Global Automotive Grade SMD Thick Film Resistors Revenue Market Share by Company (2021-2026)

Table 20. Global Automotive Grade SMD Thick Film Resistors Sale Price by Company (2021-2026) & (US\$/Unit)

Table 21. Key Manufacturers Automotive Grade SMD Thick Film Resistors Producing Area Distribution and Sales Area

Table 22. Players Automotive Grade SMD Thick Film Resistors Products Offered

Table 23. Automotive Grade SMD Thick Film Resistors Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Automotive Grade SMD Thick Film Resistors Sales by Geographic Region (2021-2026) & (Million Units)

Table 27. Global Automotive Grade SMD Thick Film Resistors Sales Market Share Geographic Region (2021-2026)

Table 28. Global Automotive Grade SMD Thick Film Resistors Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 29. Global Automotive Grade SMD Thick Film Resistors Revenue Market Share by Geographic Region (2021-2026)

Table 30. Global Automotive Grade SMD Thick Film Resistors Sales by Country/Region (2021-2026) & (Million Units)

Table 31. Global Automotive Grade SMD Thick Film Resistors Sales Market Share by Country/Region (2021-2026)

Table 32. Global Automotive Grade SMD Thick Film Resistors Revenue by Country/Region (2021-2026) & (\$ millions)

Table 33. Global Automotive Grade SMD Thick Film Resistors Revenue Market Share by Country/Region (2021-2026)

Table 34. Americas Automotive Grade SMD Thick Film Resistors Sales by Country (2021-2026) & (Million Units)

Table 35. Americas Automotive Grade SMD Thick Film Resistors Sales Market Share by Country (2021-2026)

Table 36. Americas Automotive Grade SMD Thick Film Resistors Revenue by Country (2021-2026) & (\$ millions)

Table 37. Americas Automotive Grade SMD Thick Film Resistors Sales by Type (2021-2026) & (Million Units)

Table 38. Americas Automotive Grade SMD Thick Film Resistors Sales by Application (2021-2026) & (Million Units)

Table 39. APAC Automotive Grade SMD Thick Film Resistors Sales by Region (2021-2026) & (Million Units)

Table 40. APAC Automotive Grade SMD Thick Film Resistors Sales Market Share by Region (2021-2026)

Table 41. APAC Automotive Grade SMD Thick Film Resistors Revenue by Region (2021-2026) & (\$ millions)

Table 42. APAC Automotive Grade SMD Thick Film Resistors Sales by Type (2021-2026) & (Million Units)

Table 43. APAC Automotive Grade SMD Thick Film Resistors Sales by Application (2021-2026) & (Million Units)

Table 44. Europe Automotive Grade SMD Thick Film Resistors Sales by Country (2021-2026) & (Million Units)

Table 45. Europe Automotive Grade SMD Thick Film Resistors Revenue by Country (2021-2026) & (\$ millions)

Table 46. Europe Automotive Grade SMD Thick Film Resistors Sales by Type (2021-2026) & (Million Units)

Table 47. Europe Automotive Grade SMD Thick Film Resistors Sales by Application (2021-2026) & (Million Units)

Table 48. Middle East & Africa Automotive Grade SMD Thick Film Resistors Sales by Country (2021-2026) & (Million Units)

Table 49. Middle East & Africa Automotive Grade SMD Thick Film Resistors Revenue Market Share by Country (2021-2026)

Table 50. Middle East & Africa Automotive Grade SMD Thick Film Resistors Sales by Type (2021-2026) & (Million Units)

Table 51. Middle East & Africa Automotive Grade SMD Thick Film Resistors Sales by Application (2021-2026) & (Million Units)

Table 52. Key Market Drivers & Growth Opportunities of Automotive Grade SMD Thick Film Resistors

Table 53. Key Market Challenges & Risks of Automotive Grade SMD Thick Film Resistors

Table 54. Key Industry Trends of Automotive Grade SMD Thick Film Resistors

Table 55. Automotive Grade SMD Thick Film Resistors Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Automotive Grade SMD Thick Film Resistors Distributors List

Table 58. Automotive Grade SMD Thick Film Resistors Customer List

Table 59. Global Automotive Grade SMD Thick Film Resistors Sales Forecast by Region (2027-2032) & (Million Units)

Table 60. Global Automotive Grade SMD Thick Film Resistors Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 61. Americas Automotive Grade SMD Thick Film Resistors Sales Forecast by Country (2027-2032) & (Million Units)

Table 62. Americas Automotive Grade SMD Thick Film Resistors Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 63. APAC Automotive Grade SMD Thick Film Resistors Sales Forecast by Region (2027-2032) & (Million Units)

Table 64. APAC Automotive Grade SMD Thick Film Resistors Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 65. Europe Automotive Grade SMD Thick Film Resistors Sales Forecast by Country (2027-2032) & (Million Units)

Table 66. Europe Automotive Grade SMD Thick Film Resistors Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 67. Middle East & Africa Automotive Grade SMD Thick Film Resistors Sales Forecast by Country (2027-2032) & (Million Units)

Table 68. Middle East & Africa Automotive Grade SMD Thick Film Resistors Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 69. Global Automotive Grade SMD Thick Film Resistors Sales Forecast by Type (2027-2032) & (Million Units)

Table 70. Global Automotive Grade SMD Thick Film Resistors Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 71. Global Automotive Grade SMD Thick Film Resistors Sales Forecast by Application (2027-2032) & (Million Units)

Table 72. Global Automotive Grade SMD Thick Film Resistors Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 73. Yageo Basic Information, Automotive Grade SMD Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 74. Yageo Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

Table 75. Yageo Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 76. Yageo Main Business

Table 77. Yageo Latest Developments

Table 78. KOA Basic Information, Automotive Grade SMD Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 79. KOA Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

Table 80. KOA Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 81. KOA Main Business

Table 82. KOA Latest Developments

Table 83. Walsin Technology Basic Information, Automotive Grade SMD Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 84. Walsin Technology Automotive Grade SMD Thick Film Resistors Product

Portfolios and Specifications

Table 85. Walsin Technology Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 86. Walsin Technology Main Business

Table 87. Walsin Technology Latest Developments

Table 88. Vishay Basic Information, Automotive Grade SMD Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 89. Vishay Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

Table 90. Vishay Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 91. Vishay Main Business

Table 92. Vishay Latest Developments

Table 93. Fenghua Advanced Technology Basic Information, Automotive Grade SMD Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 94. Fenghua Advanced Technology Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

Table 95. Fenghua Advanced Technology Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 96. Fenghua Advanced Technology Main Business

Table 97. Fenghua Advanced Technology Latest Developments

Table 98. Ta-I Technology Basic Information, Automotive Grade SMD Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 99. Ta-I Technology Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

Table 100. Ta-I Technology Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 101. Ta-I Technology Main Business

Table 102. Ta-I Technology Latest Developments

Table 103. Panasonic Basic Information, Automotive Grade SMD Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 104. Panasonic Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

Table 105. Panasonic Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 106. Panasonic Main Business

Table 107. Panasonic Latest Developments

Table 108. Samsung Electro-Mechanics Basic Information, Automotive Grade SMD

Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 109. Samsung Electro-Mechanics Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

Table 110. Samsung Electro-Mechanics Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 111. Samsung Electro-Mechanics Main Business

Table 112. Samsung Electro-Mechanics Latest Developments

Table 113. Rohm Basic Information, Automotive Grade SMD Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 114. Rohm Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

Table 115. Rohm Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 116. Rohm Main Business

Table 117. Rohm Latest Developments

Table 118. UniOhm Basic Information, Automotive Grade SMD Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 119. UniOhm Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

Table 120. UniOhm Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 121. UniOhm Main Business

Table 122. UniOhm Latest Developments

Table 123. Ralec Electronics Basic Information, Automotive Grade SMD Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 124. Ralec Electronics Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

Table 125. Ralec Electronics Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 126. Ralec Electronics Main Business

Table 127. Ralec Electronics Latest Developments

Table 128. Taiyosha Electric Basic Information, Automotive Grade SMD Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 129. Taiyosha Electric Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

Table 130. Taiyosha Electric Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 131. Taiyosha Electric Main Business

Table 132. Taiyosha Electric Latest Developments

Table 133. Tateyama Kagaku Industry Basic Information, Automotive Grade SMD Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 134. Tateyama Kagaku Industry Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

Table 135. Tateyama Kagaku Industry Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 136. Tateyama Kagaku Industry Main Business

Table 137. Tateyama Kagaku Industry Latest Developments

Table 138. Ever Ohms Technology Basic Information, Automotive Grade SMD Thick Film Resistors Manufacturing Base, Sales Area and Its Competitors

Table 139. Ever Ohms Technology Automotive Grade SMD Thick Film Resistors Product Portfolios and Specifications

Table 140. Ever Ohms Technology Automotive Grade SMD Thick Film Resistors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 141. Ever Ohms Technology Main Business

Table 142. Ever Ohms Technology Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Automotive Grade SMD Thick Film Resistors

Figure 2. Automotive Grade SMD Thick Film Resistors Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Automotive Grade SMD Thick Film Resistors Sales Growth Rate 2021-2032 (Million Units)

Figure 7. Global Automotive Grade SMD Thick Film Resistors Revenue Growth Rate 2021-2032 (\$ millions)

Figure 8. Automotive Grade SMD Thick Film Resistors Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Figure 9. Automotive Grade SMD Thick Film Resistors Sales Market Share by Country/Region (2025)

Figure 10. Automotive Grade SMD Thick Film Resistors Sales Market Share by Country/Region (2021, 2025 & 2032)

Figure 11. Product Picture of 1% Tolerance

Figure 12. Product Picture of 5% Tolerance

Figure 13. Product Picture of Others

Figure 14. Global Automotive Grade SMD Thick Film Resistors Sales Market Share by Type in 2026

Figure 15. Global Automotive Grade SMD Thick Film Resistors Revenue Market Share by Type (2021-2026)

Figure 16. Automotive Grade SMD Thick Film Resistors Consumed in Electric Vehicle

Figure 17. Global Automotive Grade SMD Thick Film Resistors Market: Electric Vehicle (2021-2026) & (Million Units)

Figure 18. Automotive Grade SMD Thick Film Resistors Consumed in Fuel Vehicle

Figure 19. Global Automotive Grade SMD Thick Film Resistors Market: Fuel Vehicle (2021-2026) & (Million Units)

Figure 20. Global Automotive Grade SMD Thick Film Resistors Sale Market Share by Application (2025)

Figure 21. Global Automotive Grade SMD Thick Film Resistors Revenue Market Share by Application in 2026

Figure 22. Automotive Grade SMD Thick Film Resistors Sales by Company in 2026 (Million Units)

Figure 23. Global Automotive Grade SMD Thick Film Resistors Sales Market Share by

Company in 2026

Figure 24. Automotive Grade SMD Thick Film Resistors Revenue by Company in 2026 (\$ millions)

Figure 25. Global Automotive Grade SMD Thick Film Resistors Revenue Market Share by Company in 2026

Figure 26. Global Automotive Grade SMD Thick Film Resistors Sales Market Share by Geographic Region (2021-2026)

Figure 27. Global Automotive Grade SMD Thick Film Resistors Revenue Market Share by Geographic Region in 2026

Figure 28. Americas Automotive Grade SMD Thick Film Resistors Sales 2021-2026 (Million Units)

Figure 29. Americas Automotive Grade SMD Thick Film Resistors Revenue 2021-2026 (\$ millions)

Figure 30. APAC Automotive Grade SMD Thick Film Resistors Sales 2021-2026 (Million Units)

Figure 31. APAC Automotive Grade SMD Thick Film Resistors Revenue 2021-2026 (\$ millions)

Figure 32. Europe Automotive Grade SMD Thick Film Resistors Sales 2021-2026 (Million Units)

Figure 33. Europe Automotive Grade SMD Thick Film Resistors Revenue 2021-2026 (\$ millions)

Figure 34. Middle East & Africa Automotive Grade SMD Thick Film Resistors Sales 2021-2026 (Million Units)

Figure 35. Middle East & Africa Automotive Grade SMD Thick Film Resistors Revenue 2021-2026 (\$ millions)

Figure 36. Americas Automotive Grade SMD Thick Film Resistors Sales Market Share by Country in 2026

Figure 37. Americas Automotive Grade SMD Thick Film Resistors Revenue Market Share by Country (2021-2026)

Figure 38. Americas Automotive Grade SMD Thick Film Resistors Sales Market Share by Type (2021-2026)

Figure 39. Americas Automotive Grade SMD Thick Film Resistors Sales Market Share by Application (2021-2026)

Figure 40. United States Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 41. Canada Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 42. Mexico Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 43. Brazil Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 44. APAC Automotive Grade SMD Thick Film Resistors Sales Market Share by Region in 2026

Figure 45. APAC Automotive Grade SMD Thick Film Resistors Revenue Market Share by Region (2021-2026)

Figure 46. APAC Automotive Grade SMD Thick Film Resistors Sales Market Share by Type (2021-2026)

Figure 47. APAC Automotive Grade SMD Thick Film Resistors Sales Market Share by Application (2021-2026)

Figure 48. China Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 49. Japan Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 50. South Korea Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 51. Southeast Asia Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 52. India Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 53. Australia Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 54. China Taiwan Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 55. Europe Automotive Grade SMD Thick Film Resistors Sales Market Share by Country in 2026

Figure 56. Europe Automotive Grade SMD Thick Film Resistors Revenue Market Share by Country (2021-2026)

Figure 57. Europe Automotive Grade SMD Thick Film Resistors Sales Market Share by Type (2021-2026)

Figure 58. Europe Automotive Grade SMD Thick Film Resistors Sales Market Share by Application (2021-2026)

Figure 59. Germany Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 60. France Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 61. UK Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 62. Italy Automotive Grade SMD Thick Film Resistors Revenue Growth

2021-2026 (\$ millions)

Figure 63. Russia Automotive Grade SMD Thick Film Resistors Revenue Growth

2021-2026 (\$ millions)

Figure 64. Middle East & Africa Automotive Grade SMD Thick Film Resistors Sales Market Share by Country (2021-2026)

Figure 65. Middle East & Africa Automotive Grade SMD Thick Film Resistors Sales Market Share by Type (2021-2026)

Figure 66. Middle East & Africa Automotive Grade SMD Thick Film Resistors Sales Market Share by Application (2021-2026)

Figure 67. Egypt Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 68. South Africa Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 69. Israel Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 70. Turkey Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 71. GCC Countries Automotive Grade SMD Thick Film Resistors Revenue Growth 2021-2026 (\$ millions)

Figure 72. Manufacturing Cost Structure Analysis of Automotive Grade SMD Thick Film Resistors in 2026

Figure 73. Manufacturing Process Analysis of Automotive Grade SMD Thick Film Resistors

Figure 74. Industry Chain Structure of Automotive Grade SMD Thick Film Resistors

Figure 75. Channels of Distribution

Figure 76. Global Automotive Grade SMD Thick Film Resistors Sales Market Forecast by Region (2027-2032)

Figure 77. Global Automotive Grade SMD Thick Film Resistors Revenue Market Share Forecast by Region (2027-2032)

Figure 78. Global Automotive Grade SMD Thick Film Resistors Sales Market Share Forecast by Type (2027-2032)

Figure 79. Global Automotive Grade SMD Thick Film Resistors Revenue Market Share Forecast by Type (2027-2032)

Figure 80. Global Automotive Grade SMD Thick Film Resistors Sales Market Share Forecast by Application (2027-2032)

Figure 81. Global Automotive Grade SMD Thick Film Resistors Revenue Market Share Forecast by Application (2027-2032)

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