

# Global Automotive DC Film Capacitors Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/A8528CC0862BEN.html>

Date: August 2025

Pages: 142

Price: US\$ 3,480.00 (Single User License)

ID: A8528CC0862BEN

## Abstracts

According to our (Global Info Research) latest study, the global Automotive DC Film Capacitors market size was valued at US\$ 238 million in 2024 and is forecast to a readjusted size of USD 487 million by 2031 with a CAGR of 10.0% during review period.

Automotive DC film capacitors are specialized capacitors designed to meet the stringent requirements of modern automotive applications, particularly in electric and hybrid vehicles. These capacitors are primarily used in DC-link circuits, power conversion systems, and onboard chargers to filter and stabilize voltage, ensuring smooth and reliable power delivery. Constructed with metallized polypropylene or polyester films, they offer high dielectric strength, excellent thermal stability, and low equivalent series resistance (ESR), making them capable of handling high current loads and rapid charging cycles. Automotive DC film capacitors are also designed for compactness, long lifespan, and resistance to harsh conditions, such as extreme temperatures, vibrations, and electrical stresses, ensuring reliable performance in demanding automotive environments.

This report is a detailed and comprehensive analysis for global Automotive DC Film Capacitors 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 2025, are provided.

Key Features:

Global Automotive DC Film Capacitors market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Automotive DC Film Capacitors market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Automotive DC Film Capacitors market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Automotive DC Film Capacitors market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

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 Automotive DC Film Capacitors

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 Automotive DC Film Capacitors 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 Panasonic, Yageo, Xiamen Faratronic, Nichicon, TDK, Anhui Tongfeng Electronic, Guangdong Fengming Electronic Technology, Vishay, JMX, AVX Corporation, etc.

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

## Market Segmentation

Automotive DC Film Capacitors market is split by Type and by Application. For the period 2020-2031, 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 Type

Below 20 ?F

21-50 ?F

51-80 ?F

Above 80 ?F

## Market segment by Application

Inverter

Automobile Charger

AC/DC Converter

Others

## Major players covered

Panasonic

Yageo

Xiamen Faratronic

Nichicon

TDK

Anhui Tongfeng Electronic

Guangdong Fengming Electronic Technology

Vishay

JMX

AVX Corporation

Nantong Jianghai Capacitor

Guilin Power Capacitor

Knscha

Eagtop

EKG

Shengye Electric

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 Automotive DC Film Capacitors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive DC Film Capacitors, with price, sales quantity, revenue, and global market share of Automotive DC Film Capacitors from 2020 to 2025.

Chapter 3, the Automotive DC Film Capacitors competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automotive DC Film Capacitors breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and Automotive DC Film Capacitors market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Automotive DC Film Capacitors.

Chapter 14 and 15, to describe Automotive DC Film Capacitors sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Automotive DC Film Capacitors Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Below 20 ?F

1.3.3 21-50 ?F

1.3.4 51-80 ?F

1.3.5 Above 80 ?F

1.4 Market Analysis by Application

1.4.1 Overview: Global Automotive DC Film Capacitors Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Inverter

1.4.3 Automobile Charger

1.4.4 AC/DC Converter

1.4.5 Others

1.5 Global Automotive DC Film Capacitors Market Size & Forecast

1.5.1 Global Automotive DC Film Capacitors Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Automotive DC Film Capacitors Sales Quantity (2020-2031)

1.5.3 Global Automotive DC Film Capacitors Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

2.1 Panasonic

2.1.1 Panasonic Details

2.1.2 Panasonic Major Business

2.1.3 Panasonic Automotive DC Film Capacitors Product and Services

2.1.4 Panasonic Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Panasonic Recent Developments/Updates

2.2 Yageo

2.2.1 Yageo Details

2.2.2 Yageo Major Business

2.2.3 Yageo Automotive DC Film Capacitors Product and Services

2.2.4 Yageo Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 Yageo Recent Developments/Updates

2.3 Xiamen Faratronic

2.3.1 Xiamen Faratronic Details

2.3.2 Xiamen Faratronic Major Business

2.3.3 Xiamen Faratronic Automotive DC Film Capacitors Product and Services

2.3.4 Xiamen Faratronic Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Xiamen Faratronic Recent Developments/Updates

2.4 Nichicon

2.4.1 Nichicon Details

2.4.2 Nichicon Major Business

2.4.3 Nichicon Automotive DC Film Capacitors Product and Services

2.4.4 Nichicon Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 Nichicon Recent Developments/Updates

2.5 TDK

2.5.1 TDK Details

2.5.2 TDK Major Business

2.5.3 TDK Automotive DC Film Capacitors Product and Services

2.5.4 TDK Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 TDK Recent Developments/Updates

2.6 Anhui Tongfeng Electronic

2.6.1 Anhui Tongfeng Electronic Details

2.6.2 Anhui Tongfeng Electronic Major Business

2.6.3 Anhui Tongfeng Electronic Automotive DC Film Capacitors Product and Services

2.6.4 Anhui Tongfeng Electronic Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 Anhui Tongfeng Electronic Recent Developments/Updates

2.7 Guangdong Fengming Electronic Technology

2.7.1 Guangdong Fengming Electronic Technology Details

2.7.2 Guangdong Fengming Electronic Technology Major Business

2.7.3 Guangdong Fengming Electronic Technology Automotive DC Film Capacitors Product and Services

2.7.4 Guangdong Fengming Electronic Technology Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 Guangdong Fengming Electronic Technology Recent Developments/Updates

## 2.8 Vishay

### 2.8.1 Vishay Details

### 2.8.2 Vishay Major Business

### 2.8.3 Vishay Automotive DC Film Capacitors Product and Services

### 2.8.4 Vishay Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.8.5 Vishay Recent Developments/Updates

## 2.9 JMX

### 2.9.1 JMX Details

### 2.9.2 JMX Major Business

### 2.9.3 JMX Automotive DC Film Capacitors Product and Services

### 2.9.4 JMX Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.9.5 JMX Recent Developments/Updates

## 2.10 AVX Corporation

### 2.10.1 AVX Corporation Details

### 2.10.2 AVX Corporation Major Business

### 2.10.3 AVX Corporation Automotive DC Film Capacitors Product and Services

### 2.10.4 AVX Corporation Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.10.5 AVX Corporation Recent Developments/Updates

## 2.11 Nantong Jianghai Capacitor

### 2.11.1 Nantong Jianghai Capacitor Details

### 2.11.2 Nantong Jianghai Capacitor Major Business

### 2.11.3 Nantong Jianghai Capacitor Automotive DC Film Capacitors Product and Services

### 2.11.4 Nantong Jianghai Capacitor Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.11.5 Nantong Jianghai Capacitor Recent Developments/Updates

## 2.12 Guilin Power Capacitor

### 2.12.1 Guilin Power Capacitor Details

### 2.12.2 Guilin Power Capacitor Major Business

### 2.12.3 Guilin Power Capacitor Automotive DC Film Capacitors Product and Services

### 2.12.4 Guilin Power Capacitor Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.12.5 Guilin Power Capacitor Recent Developments/Updates

## 2.13 Knscha

### 2.13.1 Knscha Details

### 2.13.2 Knscha Major Business

- 2.13.3 Knscha Automotive DC Film Capacitors Product and Services
- 2.13.4 Knscha Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.13.5 Knscha Recent Developments/Updates
- 2.14 Eagtop
  - 2.14.1 Eagtop Details
  - 2.14.2 Eagtop Major Business
  - 2.14.3 Eagtop Automotive DC Film Capacitors Product and Services
  - 2.14.4 Eagtop Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.14.5 Eagtop Recent Developments/Updates
- 2.15 EKG
  - 2.15.1 EKG Details
  - 2.15.2 EKG Major Business
  - 2.15.3 EKG Automotive DC Film Capacitors Product and Services
  - 2.15.4 EKG Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.15.5 EKG Recent Developments/Updates
- 2.16 Shengye Electric
  - 2.16.1 Shengye Electric Details
  - 2.16.2 Shengye Electric Major Business
  - 2.16.3 Shengye Electric Automotive DC Film Capacitors Product and Services
  - 2.16.4 Shengye Electric Automotive DC Film Capacitors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.16.5 Shengye Electric Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: AUTOMOTIVE DC FILM CAPACITORS BY MANUFACTURER**

- 3.1 Global Automotive DC Film Capacitors Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Automotive DC Film Capacitors Revenue by Manufacturer (2020-2025)
- 3.3 Global Automotive DC Film Capacitors Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
  - 3.4.1 Producer Shipments of Automotive DC Film Capacitors by Manufacturer Revenue (\$MM) and Market Share (%): 2024
  - 3.4.2 Top 3 Automotive DC Film Capacitors Manufacturer Market Share in 2024
  - 3.4.3 Top 6 Automotive DC Film Capacitors Manufacturer Market Share in 2024
- 3.5 Automotive DC Film Capacitors Market: Overall Company Footprint Analysis
  - 3.5.1 Automotive DC Film Capacitors Market: Region Footprint

- 3.5.2 Automotive DC Film Capacitors Market: Company Product Type Footprint
- 3.5.3 Automotive DC Film Capacitors Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Automotive DC Film Capacitors Market Size by Region
  - 4.1.1 Global Automotive DC Film Capacitors Sales Quantity by Region (2020-2031)
  - 4.1.2 Global Automotive DC Film Capacitors Consumption Value by Region (2020-2031)
  - 4.1.3 Global Automotive DC Film Capacitors Average Price by Region (2020-2031)
- 4.2 North America Automotive DC Film Capacitors Consumption Value (2020-2031)
- 4.3 Europe Automotive DC Film Capacitors Consumption Value (2020-2031)
- 4.4 Asia-Pacific Automotive DC Film Capacitors Consumption Value (2020-2031)
- 4.5 South America Automotive DC Film Capacitors Consumption Value (2020-2031)
- 4.6 Middle East & Africa Automotive DC Film Capacitors Consumption Value (2020-2031)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Automotive DC Film Capacitors Sales Quantity by Type (2020-2031)
- 5.2 Global Automotive DC Film Capacitors Consumption Value by Type (2020-2031)
- 5.3 Global Automotive DC Film Capacitors Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Automotive DC Film Capacitors Sales Quantity by Application (2020-2031)
- 6.2 Global Automotive DC Film Capacitors Consumption Value by Application (2020-2031)
- 6.3 Global Automotive DC Film Capacitors Average Price by Application (2020-2031)

## **7 NORTH AMERICA**

- 7.1 North America Automotive DC Film Capacitors Sales Quantity by Type (2020-2031)
- 7.2 North America Automotive DC Film Capacitors Sales Quantity by Application (2020-2031)
- 7.3 North America Automotive DC Film Capacitors Market Size by Country
  - 7.3.1 North America Automotive DC Film Capacitors Sales Quantity by Country

(2020-2031)

7.3.2 North America Automotive DC Film Capacitors Consumption Value by Country

(2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

## **8 EUROPE**

8.1 Europe Automotive DC Film Capacitors Sales Quantity by Type (2020-2031)

8.2 Europe Automotive DC Film Capacitors Sales Quantity by Application (2020-2031)

8.3 Europe Automotive DC Film Capacitors Market Size by Country

8.3.1 Europe Automotive DC Film Capacitors Sales Quantity by Country (2020-2031)

8.3.2 Europe Automotive DC Film Capacitors Consumption Value by Country  
(2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Automotive DC Film Capacitors Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Automotive DC Film Capacitors Sales Quantity by Application  
(2020-2031)

9.3 Asia-Pacific Automotive DC Film Capacitors Market Size by Region

9.3.1 Asia-Pacific Automotive DC Film Capacitors Sales Quantity by Region  
(2020-2031)

9.3.2 Asia-Pacific Automotive DC Film Capacitors Consumption Value by Region  
(2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

## **10 SOUTH AMERICA**

- 10.1 South America Automotive DC Film Capacitors Sales Quantity by Type (2020-2031)
- 10.2 South America Automotive DC Film Capacitors Sales Quantity by Application (2020-2031)
- 10.3 South America Automotive DC Film Capacitors Market Size by Country
  - 10.3.1 South America Automotive DC Film Capacitors Sales Quantity by Country (2020-2031)
  - 10.3.2 South America Automotive DC Film Capacitors Consumption Value by Country (2020-2031)
  - 10.3.3 Brazil Market Size and Forecast (2020-2031)
  - 10.3.4 Argentina Market Size and Forecast (2020-2031)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Automotive DC Film Capacitors Sales Quantity by Type (2020-2031)
- 11.2 Middle East & Africa Automotive DC Film Capacitors Sales Quantity by Application (2020-2031)
- 11.3 Middle East & Africa Automotive DC Film Capacitors Market Size by Country
  - 11.3.1 Middle East & Africa Automotive DC Film Capacitors Sales Quantity by Country (2020-2031)
  - 11.3.2 Middle East & Africa Automotive DC Film Capacitors Consumption Value by Country (2020-2031)
  - 11.3.3 Turkey Market Size and Forecast (2020-2031)
  - 11.3.4 Egypt Market Size and Forecast (2020-2031)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
  - 11.3.6 South Africa Market Size and Forecast (2020-2031)

## **12 MARKET DYNAMICS**

- 12.1 Automotive DC Film Capacitors Market Drivers
- 12.2 Automotive DC Film Capacitors Market Restraints
- 12.3 Automotive DC Film Capacitors Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Automotive DC Film Capacitors and Key Manufacturers

13.2 Manufacturing Costs Percentage of Automotive DC Film Capacitors

13.3 Automotive DC Film Capacitors Production Process

13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Automotive DC Film Capacitors Typical Distributors

14.3 Automotive DC Film Capacitors Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Automotive DC Film Capacitors Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Automotive DC Film Capacitors Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Panasonic Basic Information, Manufacturing Base and Competitors

Table 4. Panasonic Major Business

Table 5. Panasonic Automotive DC Film Capacitors Product and Services

Table 6. Panasonic Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Panasonic Recent Developments/Updates

Table 8. Yageo Basic Information, Manufacturing Base and Competitors

Table 9. Yageo Major Business

Table 10. Yageo Automotive DC Film Capacitors Product and Services

Table 11. Yageo Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Yageo Recent Developments/Updates

Table 13. Xiamen Faratronic Basic Information, Manufacturing Base and Competitors

Table 14. Xiamen Faratronic Major Business

Table 15. Xiamen Faratronic Automotive DC Film Capacitors Product and Services

Table 16. Xiamen Faratronic Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Xiamen Faratronic Recent Developments/Updates

Table 18. Nichicon Basic Information, Manufacturing Base and Competitors

Table 19. Nichicon Major Business

Table 20. Nichicon Automotive DC Film Capacitors Product and Services

Table 21. Nichicon Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Nichicon Recent Developments/Updates

Table 23. TDK Basic Information, Manufacturing Base and Competitors

Table 24. TDK Major Business

Table 25. TDK Automotive DC Film Capacitors Product and Services

Table 26. TDK Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. TDK Recent Developments/Updates

Table 28. Anhui Tongfeng Electronic Basic Information, Manufacturing Base and Competitors

Table 29. Anhui Tongfeng Electronic Major Business

Table 30. Anhui Tongfeng Electronic Automotive DC Film Capacitors Product and Services

Table 31. Anhui Tongfeng Electronic Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Anhui Tongfeng Electronic Recent Developments/Updates

Table 33. Guangdong Fengming Electronic Technology Basic Information, Manufacturing Base and Competitors

Table 34. Guangdong Fengming Electronic Technology Major Business

Table 35. Guangdong Fengming Electronic Technology Automotive DC Film Capacitors Product and Services

Table 36. Guangdong Fengming Electronic Technology Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Guangdong Fengming Electronic Technology Recent Developments/Updates

Table 38. Vishay Basic Information, Manufacturing Base and Competitors

Table 39. Vishay Major Business

Table 40. Vishay Automotive DC Film Capacitors Product and Services

Table 41. Vishay Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Vishay Recent Developments/Updates

Table 43. JMX Basic Information, Manufacturing Base and Competitors

Table 44. JMX Major Business

Table 45. JMX Automotive DC Film Capacitors Product and Services

Table 46. JMX Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. JMX Recent Developments/Updates

Table 48. AVX Corporation Basic Information, Manufacturing Base and Competitors

Table 49. AVX Corporation Major Business

Table 50. AVX Corporation Automotive DC Film Capacitors Product and Services

Table 51. AVX Corporation Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. AVX Corporation Recent Developments/Updates

Table 53. Nantong Jianghai Capacitor Basic Information, Manufacturing Base and Competitors

- Table 54. Nantong Jianghai Capacitor Major Business
- Table 55. Nantong Jianghai Capacitor Automotive DC Film Capacitors Product and Services
- Table 56. Nantong Jianghai Capacitor Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 57. Nantong Jianghai Capacitor Recent Developments/Updates
- Table 58. Guilin Power Capacitor Basic Information, Manufacturing Base and Competitors
- Table 59. Guilin Power Capacitor Major Business
- Table 60. Guilin Power Capacitor Automotive DC Film Capacitors Product and Services
- Table 61. Guilin Power Capacitor Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 62. Guilin Power Capacitor Recent Developments/Updates
- Table 63. Knscha Basic Information, Manufacturing Base and Competitors
- Table 64. Knscha Major Business
- Table 65. Knscha Automotive DC Film Capacitors Product and Services
- Table 66. Knscha Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 67. Knscha Recent Developments/Updates
- Table 68. Eagtop Basic Information, Manufacturing Base and Competitors
- Table 69. Eagtop Major Business
- Table 70. Eagtop Automotive DC Film Capacitors Product and Services
- Table 71. Eagtop Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 72. Eagtop Recent Developments/Updates
- Table 73. EKG Basic Information, Manufacturing Base and Competitors
- Table 74. EKG Major Business
- Table 75. EKG Automotive DC Film Capacitors Product and Services
- Table 76. EKG Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 77. EKG Recent Developments/Updates
- Table 78. Shengye Electric Basic Information, Manufacturing Base and Competitors
- Table 79. Shengye Electric Major Business
- Table 80. Shengye Electric Automotive DC Film Capacitors Product and Services
- Table 81. Shengye Electric Automotive DC Film Capacitors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

- Table 82. Shengye Electric Recent Developments/Updates
- Table 83. Global Automotive DC Film Capacitors Sales Quantity by Manufacturer (2020-2025) & (K Units)
- Table 84. Global Automotive DC Film Capacitors Revenue by Manufacturer (2020-2025) & (USD Million)
- Table 85. Global Automotive DC Film Capacitors Average Price by Manufacturer (2020-2025) & (US\$/Unit)
- Table 86. Market Position of Manufacturers in Automotive DC Film Capacitors, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024
- Table 87. Head Office and Automotive DC Film Capacitors Production Site of Key Manufacturer
- Table 88. Automotive DC Film Capacitors Market: Company Product Type Footprint
- Table 89. Automotive DC Film Capacitors Market: Company Product Application Footprint
- Table 90. Automotive DC Film Capacitors New Market Entrants and Barriers to Market Entry
- Table 91. Automotive DC Film Capacitors Mergers, Acquisition, Agreements, and Collaborations
- Table 92. Global Automotive DC Film Capacitors Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR
- Table 93. Global Automotive DC Film Capacitors Sales Quantity by Region (2020-2025) & (K Units)
- Table 94. Global Automotive DC Film Capacitors Sales Quantity by Region (2026-2031) & (K Units)
- Table 95. Global Automotive DC Film Capacitors Consumption Value by Region (2020-2025) & (USD Million)
- Table 96. Global Automotive DC Film Capacitors Consumption Value by Region (2026-2031) & (USD Million)
- Table 97. Global Automotive DC Film Capacitors Average Price by Region (2020-2025) & (US\$/Unit)
- Table 98. Global Automotive DC Film Capacitors Average Price by Region (2026-2031) & (US\$/Unit)
- Table 99. Global Automotive DC Film Capacitors Sales Quantity by Type (2020-2025) & (K Units)
- Table 100. Global Automotive DC Film Capacitors Sales Quantity by Type (2026-2031) & (K Units)
- Table 101. Global Automotive DC Film Capacitors Consumption Value by Type (2020-2025) & (USD Million)
- Table 102. Global Automotive DC Film Capacitors Consumption Value by Type

(2026-2031) & (USD Million)

Table 103. Global Automotive DC Film Capacitors Average Price by Type (2020-2025) & (US\$/Unit)

Table 104. Global Automotive DC Film Capacitors Average Price by Type (2026-2031) & (US\$/Unit)

Table 105. Global Automotive DC Film Capacitors Sales Quantity by Application (2020-2025) & (K Units)

Table 106. Global Automotive DC Film Capacitors Sales Quantity by Application (2026-2031) & (K Units)

Table 107. Global Automotive DC Film Capacitors Consumption Value by Application (2020-2025) & (USD Million)

Table 108. Global Automotive DC Film Capacitors Consumption Value by Application (2026-2031) & (USD Million)

Table 109. Global Automotive DC Film Capacitors Average Price by Application (2020-2025) & (US\$/Unit)

Table 110. Global Automotive DC Film Capacitors Average Price by Application (2026-2031) & (US\$/Unit)

Table 111. North America Automotive DC Film Capacitors Sales Quantity by Type (2020-2025) & (K Units)

Table 112. North America Automotive DC Film Capacitors Sales Quantity by Type (2026-2031) & (K Units)

Table 113. North America Automotive DC Film Capacitors Sales Quantity by Application (2020-2025) & (K Units)

Table 114. North America Automotive DC Film Capacitors Sales Quantity by Application (2026-2031) & (K Units)

Table 115. North America Automotive DC Film Capacitors Sales Quantity by Country (2020-2025) & (K Units)

Table 116. North America Automotive DC Film Capacitors Sales Quantity by Country (2026-2031) & (K Units)

Table 117. North America Automotive DC Film Capacitors Consumption Value by Country (2020-2025) & (USD Million)

Table 118. North America Automotive DC Film Capacitors Consumption Value by Country (2026-2031) & (USD Million)

Table 119. Europe Automotive DC Film Capacitors Sales Quantity by Type (2020-2025) & (K Units)

Table 120. Europe Automotive DC Film Capacitors Sales Quantity by Type (2026-2031) & (K Units)

Table 121. Europe Automotive DC Film Capacitors Sales Quantity by Application (2020-2025) & (K Units)

Table 122. Europe Automotive DC Film Capacitors Sales Quantity by Application (2026-2031) & (K Units)

Table 123. Europe Automotive DC Film Capacitors Sales Quantity by Country (2020-2025) & (K Units)

Table 124. Europe Automotive DC Film Capacitors Sales Quantity by Country (2026-2031) & (K Units)

Table 125. Europe Automotive DC Film Capacitors Consumption Value by Country (2020-2025) & (USD Million)

Table 126. Europe Automotive DC Film Capacitors Consumption Value by Country (2026-2031) & (USD Million)

Table 127. Asia-Pacific Automotive DC Film Capacitors Sales Quantity by Type (2020-2025) & (K Units)

Table 128. Asia-Pacific Automotive DC Film Capacitors Sales Quantity by Type (2026-2031) & (K Units)

Table 129. Asia-Pacific Automotive DC Film Capacitors Sales Quantity by Application (2020-2025) & (K Units)

Table 130. Asia-Pacific Automotive DC Film Capacitors Sales Quantity by Application (2026-2031) & (K Units)

Table 131. Asia-Pacific Automotive DC Film Capacitors Sales Quantity by Region (2020-2025) & (K Units)

Table 132. Asia-Pacific Automotive DC Film Capacitors Sales Quantity by Region (2026-2031) & (K Units)

Table 133. Asia-Pacific Automotive DC Film Capacitors Consumption Value by Region (2020-2025) & (USD Million)

Table 134. Asia-Pacific Automotive DC Film Capacitors Consumption Value by Region (2026-2031) & (USD Million)

Table 135. South America Automotive DC Film Capacitors Sales Quantity by Type (2020-2025) & (K Units)

Table 136. South America Automotive DC Film Capacitors Sales Quantity by Type (2026-2031) & (K Units)

Table 137. South America Automotive DC Film Capacitors Sales Quantity by Application (2020-2025) & (K Units)

Table 138. South America Automotive DC Film Capacitors Sales Quantity by Application (2026-2031) & (K Units)

Table 139. South America Automotive DC Film Capacitors Sales Quantity by Country (2020-2025) & (K Units)

Table 140. South America Automotive DC Film Capacitors Sales Quantity by Country (2026-2031) & (K Units)

Table 141. South America Automotive DC Film Capacitors Consumption Value by

Country (2020-2025) & (USD Million)

Table 142. South America Automotive DC Film Capacitors Consumption Value by Country (2026-2031) & (USD Million)

Table 143. Middle East & Africa Automotive DC Film Capacitors Sales Quantity by Type (2020-2025) & (K Units)

Table 144. Middle East & Africa Automotive DC Film Capacitors Sales Quantity by Type (2026-2031) & (K Units)

Table 145. Middle East & Africa Automotive DC Film Capacitors Sales Quantity by Application (2020-2025) & (K Units)

Table 146. Middle East & Africa Automotive DC Film Capacitors Sales Quantity by Application (2026-2031) & (K Units)

Table 147. Middle East & Africa Automotive DC Film Capacitors Sales Quantity by Country (2020-2025) & (K Units)

Table 148. Middle East & Africa Automotive DC Film Capacitors Sales Quantity by Country (2026-2031) & (K Units)

Table 149. Middle East & Africa Automotive DC Film Capacitors Consumption Value by Country (2020-2025) & (USD Million)

Table 150. Middle East & Africa Automotive DC Film Capacitors Consumption Value by Country (2026-2031) & (USD Million)

Table 151. Automotive DC Film Capacitors Raw Material

Table 152. Key Manufacturers of Automotive DC Film Capacitors Raw Materials

Table 153. Automotive DC Film Capacitors Typical Distributors

Table 154. Automotive DC Film Capacitors Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Automotive DC Film Capacitors Picture

Figure 2. Global Automotive DC Film Capacitors Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Automotive DC Film Capacitors Revenue Market Share by Type in 2024

Figure 4. Below 20  $\mu$ F Examples

Figure 5. 21-50  $\mu$ F Examples

Figure 6. 51-80  $\mu$ F Examples

Figure 7. Above 80  $\mu$ F Examples

Figure 8. Global Automotive DC Film Capacitors Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 9. Global Automotive DC Film Capacitors Revenue Market Share by Application in 2024

Figure 10. Inverter Examples

Figure 11. Automobile Charger Examples

Figure 12. AC/DC Converter Examples

Figure 13. Others Examples

Figure 14. Global Automotive DC Film Capacitors Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 15. Global Automotive DC Film Capacitors Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 16. Global Automotive DC Film Capacitors Sales Quantity (2020-2031) & (K Units)

Figure 17. Global Automotive DC Film Capacitors Price (2020-2031) & (US\$/Unit)

Figure 18. Global Automotive DC Film Capacitors Sales Quantity Market Share by Manufacturer in 2024

Figure 19. Global Automotive DC Film Capacitors Revenue Market Share by Manufacturer in 2024

Figure 20. Producer Shipments of Automotive DC Film Capacitors by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 21. Top 3 Automotive DC Film Capacitors Manufacturer (Revenue) Market Share in 2024

Figure 22. Top 6 Automotive DC Film Capacitors Manufacturer (Revenue) Market Share in 2024

Figure 23. Global Automotive DC Film Capacitors Sales Quantity Market Share by

Region (2020-2031)

Figure 24. Global Automotive DC Film Capacitors Consumption Value Market Share by Region (2020-2031)

Figure 25. North America Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 26. Europe Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 27. Asia-Pacific Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 28. South America Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 29. Middle East & Africa Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 30. Global Automotive DC Film Capacitors Sales Quantity Market Share by Type (2020-2031)

Figure 31. Global Automotive DC Film Capacitors Consumption Value Market Share by Type (2020-2031)

Figure 32. Global Automotive DC Film Capacitors Average Price by Type (2020-2031) & (US\$/Unit)

Figure 33. Global Automotive DC Film Capacitors Sales Quantity Market Share by Application (2020-2031)

Figure 34. Global Automotive DC Film Capacitors Revenue Market Share by Application (2020-2031)

Figure 35. Global Automotive DC Film Capacitors Average Price by Application (2020-2031) & (US\$/Unit)

Figure 36. North America Automotive DC Film Capacitors Sales Quantity Market Share by Type (2020-2031)

Figure 37. North America Automotive DC Film Capacitors Sales Quantity Market Share by Application (2020-2031)

Figure 38. North America Automotive DC Film Capacitors Sales Quantity Market Share by Country (2020-2031)

Figure 39. North America Automotive DC Film Capacitors Consumption Value Market Share by Country (2020-2031)

Figure 40. United States Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 41. Canada Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 42. Mexico Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 43. Europe Automotive DC Film Capacitors Sales Quantity Market Share by Type (2020-2031)

Figure 44. Europe Automotive DC Film Capacitors Sales Quantity Market Share by Application (2020-2031)

Figure 45. Europe Automotive DC Film Capacitors Sales Quantity Market Share by Country (2020-2031)

Figure 46. Europe Automotive DC Film Capacitors Consumption Value Market Share by Country (2020-2031)

Figure 47. Germany Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 48. France Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 49. United Kingdom Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 50. Russia Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 51. Italy Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 52. Asia-Pacific Automotive DC Film Capacitors Sales Quantity Market Share by Type (2020-2031)

Figure 53. Asia-Pacific Automotive DC Film Capacitors Sales Quantity Market Share by Application (2020-2031)

Figure 54. Asia-Pacific Automotive DC Film Capacitors Sales Quantity Market Share by Region (2020-2031)

Figure 55. Asia-Pacific Automotive DC Film Capacitors Consumption Value Market Share by Region (2020-2031)

Figure 56. China Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 57. Japan Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 58. South Korea Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 59. India Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 60. Southeast Asia Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 61. Australia Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 62. South America Automotive DC Film Capacitors Sales Quantity Market Share

by Type (2020-2031)

Figure 63. South America Automotive DC Film Capacitors Sales Quantity Market Share by Application (2020-2031)

Figure 64. South America Automotive DC Film Capacitors Sales Quantity Market Share by Country (2020-2031)

Figure 65. South America Automotive DC Film Capacitors Consumption Value Market Share by Country (2020-2031)

Figure 66. Brazil Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 67. Argentina Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 68. Middle East & Africa Automotive DC Film Capacitors Sales Quantity Market Share by Type (2020-2031)

Figure 69. Middle East & Africa Automotive DC Film Capacitors Sales Quantity Market Share by Application (2020-2031)

Figure 70. Middle East & Africa Automotive DC Film Capacitors Sales Quantity Market Share by Country (2020-2031)

Figure 71. Middle East & Africa Automotive DC Film Capacitors Consumption Value Market Share by Country (2020-2031)

Figure 72. Turkey Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 73. Egypt Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 74. Saudi Arabia Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 75. South Africa Automotive DC Film Capacitors Consumption Value (2020-2031) & (USD Million)

Figure 76. Automotive DC Film Capacitors Market Drivers

Figure 77. Automotive DC Film Capacitors Market Restraints

Figure 78. Automotive DC Film Capacitors Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Automotive DC Film Capacitors in 2024

Figure 81. Manufacturing Process Analysis of Automotive DC Film Capacitors

Figure 82. Automotive DC Film Capacitors Industrial Chain

Figure 83. Sales Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

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