

# Film Capacitor Market by product (AC and DC), Type (Paper Film Capacitor and Plastic Film Capacitor) and Industry Vertical (Automotive, Power and Utilities, Consumer Electronics, Telecommunication, and Others): Global Opportunity Analysis and Industry Forecast, 2019-2026

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# **Abstracts**

The global film capacitor market size was valued at \$xxx million in 2018, and is projected to reach \$xxx million by 2026, growing at a CAGR of xx% from 2019 to 2026. Film capacitor is also knowing as film caps or power film capacitor are generally made with two plastic films, covered with metallic electrodes and wound into a cylindrical shaped winding. These capacitors are generally using polypropylene film as a dielectric, and these are used for high frequency high power application including heating, pulse power energy discharge application, and AC capacitors for electrical distribution. The film capacitor is widely used in different sector, because of their higher characteristics. These capacitors are developed with high precision capacitance values and it retains that values longer than others capacitor types. In addition, the film capacitor have long shelf & service life and they are high reliable with low average failure rate. The capacitor contains different types including metalized capacitor, polyester film, polypropylene film, PTFE film, and polystyrene film.

Film capacitors are one of the most common capacitor types used in electronic equipment and many AC & DC microelectronics and electronics circuits. According to the Consumer Electronics Association (CEA), the consumer electronics sales in 2015 was valued at USD 220 billion. Rising adoption of electronics component are drive by faster technological obsolete, is expected to drive the film capacitor market during the forecast period.



The demand for film capacitor is expected to increase rapidly during the forecast period, owing to various factors such as rise in demand for smartphones, tablets, and laptops. Surge in demand for electric vehicle, hybrid electric vehicle, and plug in hybrid vehicle, which help to boost the demand for film capacitors in this region.

Factors such as high demand for film capacitor in consumer electronics components, rising demand for high temperature film capacitors, and adoption of nanolayer film capacitors, drive the growth of the film capacitor market. However, increase in stringent environmental and manufacturing rules and low pricing margin hamper the film capacitor market growth.

Film capacitor market is segmented into product, type, industry vertical, and region. Based on voltage, the market is bifurcated into AC and DC. Based on type, the market is classified into paper film capacitor and plastic film capacitor. Based on industry vertical, the market is categorized into automotive, power and utilities, consumer and electronics, telecommunication, and others. Based on region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA. On the basis of region, it is analyzed across North America (U.S., Mexico, and Canada), Europe (Germany, France, the UK, and rest of Europe), Asia-Pacific (China, Japan, South Korea, and rest of Asia-Pacific), and LAMEA (Latin America, Middle East, and Africa).

The key players profiled in the report include KEMET Corporation, Panasonic Corporation, TDK Corporation, AVX Corporation, Cornell Dubilier Electronics Inc., Vishay Intertechnology, Electro Technik Industries, Wima GmbH & Co. KG, Ningbo Topo Electronic Co., Ltd., and XIAMEN FARATRONIC CO., LTD.

**KEY MARKET SEGMENTS** 

BY PRODUCT

AC

DC

BY TYPE

Paper Film Capacitor



# Plastic Film Capacitor

# BY INDUSTRY VERTICAL

Automotive

| Power and Utilities      |
|--------------------------|
| Consumer and electronics |
|                          |

Telecommunication

Others

# BY REGION

North America

U.S.

Mexico

Canada

Europe

Germany

France

UK

Rest of Europe

Asia-Pacific



|                                   | Japan                            |  |
|-----------------------------------|----------------------------------|--|
|                                   | China                            |  |
|                                   | South Korea                      |  |
|                                   | Rest of Asia-Pacific             |  |
| LAMEA                             |                                  |  |
|                                   | Latin America                    |  |
|                                   | Middle East                      |  |
|                                   | Africa                           |  |
| KEY PLAYERS                       |                                  |  |
| KEME                              | KEMET Corporation                |  |
| Panasonic Corporation             |                                  |  |
| TDK Corporation                   |                                  |  |
| AVX Corporation                   |                                  |  |
| Cornell Dubilier Electronics Inc. |                                  |  |
| Vishay Intertechnology            |                                  |  |
|                                   | Electro Technik Industries       |  |
| Wima (                            | GmbH & Co. KG                    |  |
|                                   | Ningbo Topo Electronic Co., Ltd. |  |

XIAMEN FARATRONIC CO., LTD



# **Contents**

#### **CHAPTER 1: INTRODUCTION**

- 1.1. Report Description
- 1.2. Key Benefits For Stakeholders
- 1.3. Key Market Segments
- 1.4. Research Methodology
  - 1.4.1. Primary Research
  - 1.4.2. Secondary Research
  - 1.4.3. Analyst Tools And Models

## **CHAPTER 2: EXECUTIVE SUMMARY**

- 2.1. Key Findings
  - 2.1.1. Top Impacting Factors
  - 2.1.2. Top Investment Pockets
- 2.2. Cxo Perspective

#### **CHAPTER 3: MARKET OVERVIEW**

- 3.1. Market Definition And Scope
- 3.3. Key Forces Shaping Film Capacitors Market
- 3.4. Patent Analysis
  - 3.4.1. By Region (2012-2017)
- 3.5. Market Dynamics
  - 3.5.1. Drivers
    - 3.5.1.1. Higher Demand For Film Capacitor In Consumer Electronics Components
    - 3.5.1.2. Rising Demand For High Temperature Film Capacitors
    - 3.5.1.3. High Adoption of Film Capacitor In Electric Vehicle System
  - 3.5.2. Restraints
- 3.5.2.1. Increasing Severity of Environmental And Manufacturing Rules And Low Pricing Margin
  - 3.5.3. Opportunity
    - 3.5.3.1. Surge In Adoption of Nanolayer Film Capacitors

# **CHAPTER 4: FILM CAPACITORS MARKET, BY PRODUCT**

#### 4.1. Overview



- 4.2. Ac
- 4.2.1. Key Market Trends, Growth Factors, And Opportunities
- 4.2.2. Market Size And Forecast, By Region
- 4.2.3. Market Analysis, By Country
- 4.3. Dc
- 4.3.1. Key Market Trends, Growth Factors, And Opportunities
- 4.3.2. Market Size And Forecast, By Region
- 4.3.3. Market Analysis, By Country

# **CHAPTER 5: FILM CAPACITORS MARKET, BY TYPE**

- 5.1. Overview
- 5.2. Paper
  - 5.2.1. Key Market Trends, Growth Factors, And Opportunities
  - 5.2.2. Market Size And Forecast, By Region
- 5.2.3. Market Analysis, By Country
- 5.3. Plastic
  - 5.3.1. Key Market Trends, Growth Factors, And Opportunities
  - 5.3.2. Market Size And Forecast, By Region
  - 5.3.3. Market Analysis, By Country

## CHAPTER 6: FILM CAPACITORS MARKET, BY INDUSTRY VERTICAL

- 6.1. Overview
- 6.2. Automotive
- 6.2.1. Key Market Trends, Growth Factors, And Opportunities
- 6.2.2. Market Size And Forecast, By Region
- 6.2.3. Market Analysis, By Country
- 6.3. Power & Utilities
  - 6.3.1. Key Market Trends, Growth Factors, And Opportunities
  - 6.3.2. Market Size And Forecast, By Region
  - 6.3.3. Market Analysis, By Country
- 6.4. Consumer Electronics
- 6.4.1. Key Market Trends, Growth Factors, And Opportunities
- 6.4.2. Market Size And Forecast, By Region
- 6.4.3. Market Analysis, By Country
- 6.5. Telecommunication
- 6.5.1. Key Market Trends, Growth Factors, And Opportunities
- 6.5.2. Market Size And Forecast, By Region



- 6.5.3. Market Analysis, By Country
- 6.6. Others
  - 6.6.1. Key Market Trends, Growth Factors, And Opportunities
  - 6.6.2. Market Size And Forecast, By Region
  - 6.6.3. Market Analysis, By Country

# **CHAPTER 7: FILM CAPACITORS MARKET, BY REGION**

- 7.1. Overview
- 7.2. Americas
  - 7.2.1. Key Market Trends, Growth Factors, And Opportunities
  - 7.2.2. Market Size And Forecast, By Product
  - 7.2.3. Market Size And Forecast, By Type
  - 7.2.4. Market Size And Forecast, By Industry Vertical
  - 7.2.5. Market Analysis By Country
  - 7.2.5.1. U.S.
    - 7.2.5.1.1. Market Size And Forecast, By Product
    - 7.2.5.1.2. Market Size And Forecast, By Type
    - 7.2.5.1.3. Market Size And Forecast, By Industry Vertical
  - 7.2.5.2. Rest of Americas
    - 7.2.5.2.1. Market Size And Forecast, By Product
    - 7.2.5.2.2. Market Size And Forecast, By Type
  - 7.2.5.2.3. Market Size And Forecast, By Industry Vertical

#### 7.3. Emea

- 7.3.1. Key Market Trends, Growth Factors, And Opportunities
- 7.3.2. Market Size And Forecast, By Type
- 7.3.3. Market Size And Forecast, By Type
- 7.3.4. Market Size And Forecast, By Industry Vertical
- 7.3.5. Market Analysis By Country
  - 7.3.5.1. Germany
    - 7.3.5.1.1. Market Size And Forecast, By Product
  - 7.3.5.1.2. Market Size And Forecast, By Type
  - 7.3.5.1.3. Market Size And Forecast, By Industry Vertical
  - 7.3.5.2. Middle East & Africa
    - 7.3.5.2.1. Market Size And Forecast, By Product
    - 7.3.5.2.2. Market Size And Forecast, By Type
    - 7.3.5.2.3. Market Size And Forecast, By Industry Vertical
  - 7.3.5.3. Rest of Emea
  - 7.3.5.3.1. Market Size And Forecast, By Product



- 7.3.5.3.2. Market Size And Forecast, By Type
- 7.3.5.3.3. Market Size And Forecast, By Industry Vertical

#### 7.4. Asia-Pacific

- 7.4.1. Key Market Trends, Growth Factors, And Opportunities
- 7.4.2. Market Size And Forecast, By Type
- 7.4.3. Market Size And Forecast, By Type
- 7.4.4. Market Size And Forecast, By Industry Vertical
- 7.4.5. Market Analysis By Country
  - 7.4.5.1. China
    - 7.4.5.1.1. Market Size And Forecast, By Product
    - 7.4.5.1.2. Market Size And Forecast, By Type
    - 7.4.5.1.3. Market Size And Forecast, By Industry Vertical
  - 7.4.5.2. Japan
    - 7.4.5.2.1. Market Size And Forecast, By Product
    - 7.4.5.2.2. Market Size And Forecast, By Type
    - 7.4.5.2.3. Market Size And Forecast, By Connectivity Technology
  - 7.4.5.2.4. Market Size And Forecast, By Industry Vertical
  - 7.4.5.3. Rest of Asia-Pacific
    - 7.4.5.3.1. Market Size And Forecast, By Product
    - 7.4.5.3.2. Market Size And Forecast, By Type
  - 7.4.5.3.3. Market Size And Forecast, By Industry Vertical

### **CHAPTER 8: COMPETITIVE LANDSCAPE**

- 8.1. Introduction
  - 8.1.1. Market Player Positioning, 2018
- 8.2. Top Winning Strategies

#### **CHAPTER 9: COMPANY PROFILE**

- 9.1. Panasonic Corporation
  - 9.1.1. Company Overview
  - 9.1.2. Key Executives
  - 9.1.3. Company Snapshot
  - 9.1.4. Operating Business Segments
  - 9.1.5. Product Portfolio
  - 9.1.6. R&D Expenditure
  - 9.1.7. Business Performance
  - 9.1.8. Key Strategic Moves And Developments



- 9.2. Avx Corporation
  - 9.2.1. Company Overview
  - 9.2.2. Company Snapshot
  - 9.2.3. Product Portfolio
  - 9.2.4. R&D Expenditure
  - 9.2.5. Business Performance
  - 9.2.6. Key Strategic Moves And Developments
- 9.3. Kemet Corporation
  - 9.3.1. Company Overview
  - 9.3.2. Company Snapshot
  - 9.3.3. Product Portfolio
  - 9.3.4. R&D Expenditure
  - 9.3.5. Business Performance
  - 9.3.6. Key Strategic Moves And Developments
- 9.4. Tdk Corporation
  - 9.4.1. Company Overview
  - 9.4.2. Company Snapshot
  - 9.4.3. Product Portfolio
  - 9.4.4. R&D Expenditure
  - 9.4.5. Business Performance
  - 9.4.6. Key Strategic Moves And Developments
- 9.5. Cornell Dubilier Electronics Inc.
  - 9.5.1. Company Overview
  - 9.5.2. Company Snapshot
  - 9.5.3. Product Portfolio
- 9.6. Vishay Intertechnology, Inc.
  - 9.6.1. Company Overview
  - 9.6.2. Company Snapshot
  - 9.6.3. Product Portfolio
  - 9.6.4. R&D Expenditure
  - 9.6.5. Business Performance
  - 9.6.6. Key Strategic Moves And Developments
- 9.7. Electro Technik Industries, Inc.
  - 9.7.1. Company Overview
  - 9.7.2. Company Snapshot
  - 9.7.3. Product Portfolio
- 9.8. Wima Gmbh & Co. Kg
  - 9.8.1. Company Overview
  - 9.8.2. Company Snapshot



- 9.8.3. Product Portfolio
- 9.9. Ningbo Topo Electronic Co., Ltd.
  - 9.9.1. Company Overview
  - 9.9.2. Company Snapshot
  - 9.9.3. Product Portfolio
- 9.10. Xiamen Faratronic Co., Ltd.
  - 9.10.1. Company Overview
  - 9.10.2. Company Snapshot
  - 9.10.3. Product Portfolio



# **List Of Tables**

#### LIST OF TABLES

- Table 01. Global Film Capacitors Market, By Product, 2018-2026 (\$Million)
- Table 02. Ac Film Capacitors Market, By Region, 2018-2026 (\$Million)
- Table 03. Dc Film Capacitors Market, By Region, 2018-2026 (\$Million)
- Table 04. Global Film Capacitors Market, By Type, 2018-2026 (\$Million)
- Table 05. Paper Film Capacitors Market, By Region, 2018-2026 (\$Million)
- Table 06. Plastic Film Capacitors Market, By Region, 2018-2026 (\$Million)
- Table 07. Global Film Capacitors Market, By Industry Vertical, 2018-2026 (\$Million)
- Table 08. Film Capacitors For Automotive Market, By Region, 2018-2026 (\$Million)
- Table 09. Film Capacitors For Power & Utilities Market, By Region, 2018-2026 (\$Million)
- Table 10. Film Capacitors For Consumer Electronics Market, By Region, 2018-2026 (\$Million)
- Table 11. Film Capacitors For Telecommunication Market, By Region, 2018-2026 (\$Million)
- Table 12. Film Capacitors For Others Market, By Region, 2018-2026 (\$Million)
- Table 13. Americas Film Capacitors Market, By Product, 2018-2026 (\$Million)
- Table 14. Americas Film Capacitors Market, By Type, 2018-2026 (\$Million)
- Table 15. Americas Film Capacitors Market, By Industry Vertical, 2018-2026 (\$Million)
- Table 16. U.S. Film Capacitors Market, By Product, 2018-2026 (\$Million)
- Table 17. U.S. Film Capacitors Market, By Type, 2018-2026 (\$Million)
- Table 18. U.S. Film Capacitors Market, By Industry Vertical, 2018-2026 (\$Million)
- Table 19. Rest of Americas Film Capacitors Market, By Product, 2018-2026 (\$Million)
- Table 20. Rest of Americas Film Capacitors Market, By Type, 2018-2026 (\$Million)
- Table 21. Rest of Americas Film Capacitors Market, By Industry Vertical, 2018-2026 (\$Million)
- Table 22. Emea Film Capacitors Market, By Product, 2018-2026 (\$Million)
- Table 23. Emea Film Capacitors Market, By Type, 2018-2026 (\$Million)
- Table 24. Emea Film Capacitors Market, By Industry Vertical, 2018-2026 (\$Million)
- Table 25. Germany Film Capacitors Market, By Product, 2018-2026 (\$Million)
- Table 26. Germany Film Capacitors Market, By Type, 2018-2026 (\$Million)
- Table 27. Germany Film Capacitors Market, By Industry Vertical, 2018-2026 (\$Million)
- Table 28. Middle East & Africa Film Capacitors Market, By Product, 2018-2026 (\$Million)
- Table 29. Middle East & Africa Film Capacitors Market, By Type, 2018-2026 (\$Million)
- Table 30. Middle East & Africa Film Capacitors Market, By Industry Vertical, 2018-2026 (\$Million)



- Table 31. Rest of Emea Film Capacitors Market, By Product, 2018-2026 (\$Million)
- Table 32. Rest of Emea Film Capacitors Market, By Type, 2018-2026 (\$Million)
- Table 33. Rest of Emea Film Capacitors Market, By Industry Vertical, 2018-2026 (\$Million)
- Table 34. Asia-Pacific Film Capacitors Market, By Product, 2018-2026 (\$Million)
- Table 35. Asia-Pacific Film Capacitors Market, By Type, 2018-2026 (\$Million)
- Table 36. Asia-Pacific Film Capacitors Market, By Industry Vertical, 2018-2026 (\$Million)
- Table 37. China Film Capacitors Market, By Product, 2018-2026 (\$Million)
- Table 38. China Film Capacitors Market, By Type, 2018-2026 (\$Million)
- Table 39. China Film Capacitors Market, By Industry Vertical, 2018-2026 (\$Million)
- Table 40. Japan Film Capacitors Market, By Product, 2018-2026 (\$Million)
- Table 41. Japan Film Capacitors Market, By Type, 2018-2026 (\$Million)
- Table 42. Japan Film Capacitors Market, By Technology, 2018-2026 (\$Million)
- Table 43. Japan Film Capacitors Market, By Industry Vertical, 2018-2026 (\$Million)
- Table 44. Rest of Asia-Pacific Film Capacitors Market, By Product, 2018-2026 (\$Million)
- Table 45. Rest of Asia-Pacific Film Capacitors Market, By Type, 2018-2026 (\$Million)
- Table 46. Rest of Asia-Pacific Film Capacitors Market, By Industry Vertical, 2018-2026 (\$Million)
- Table 47. Panasonic Corporation: Company Snapshot
- Table 48. Panasonic Corporation: Operating Segments
- Table 49. Panasonic Corporation: Product Portfolio
- Table 50. Panasonic Corporation: Overall Financial Status: (\$Million)
- Table 51. Panasonic Corporation: Overall Financial Status: (\$Million)
- Table 52. Panasonic Corporation: Key Strategic Moves And Developments
- Table 53. Avx Corporation: Company Snapshot
- Table 54. Avx Corporation: Product Portfolio
- Table 55. Avx Corporation: Overall Financial Status: (\$Million)
- Table 56. Avx Corporation: Overall Financial Status: (\$Million)
- Table 57. Avx Corporation: Key Strategic Moves And Developments
- Table 58. Kemet Corporation: Company Snapshot
- Table 59. Kemet Corporation: Product Portfolio
- Table 60. Kemet Corporation: Overall Financial Status: (\$Million)
- Table 61. Kemet Corporation: Overall Financial Status: (\$Million)
- Table 62. Kemet Corporation: Key Strategic Moves And Developments
- Table 63. Tdk Corporation.: Company Snapshot
- Table 64. Tdk Corporation: Product Portfolio
- Table 65. Tdk Corporation: Overall Financial Status: (\$Million)
- Table 66. Tdk Corporation: Overall Financial Status: (\$Million)



- Table 67. Tdk Corporation: Key Strategic Moves And Developments
- Table 68. Cornell Dubilier Electronics Inc.: Company Snapshot
- Table 69. Cornell Dubilier Electronics Inc.: Product Portfolio
- Table 70. Vishay Intertechnology, Inc.: Company Snapshot
- Table 71. Vishay Intertechnology, Inc.: Product Portfolio
- Table 72. Vishay Intertechnology, Inc.: Overall Financial Status: (\$Million)
- Table 73. Vishay Intertechnology, Inc.: Overall Financial Status: (\$Million)
- Table 74. Vishay Intertechnology, Inc.: Key Strategic Moves And Developments
- Table 75. Electro Technik Industries, Inc.: Company Snapshot
- Table 76. Electro Technik Industries, Inc.: Product Portfolio
- Table 77. Wima Gmbh & Co. Kg: Company Snapshot
- Table 78. Wima Gmbh & Co. Kg: Product Portfolio
- Table 79. Ningbo Topo Electronic Co., Ltd.: Company Snapshot
- Table 80. Ningbo Topo Electronic Co., Ltd.: Product Portfolio
- Table 81. Xiamen Faratronic Co., Ltd.: Company Snapshot
- Table 82. Xiamen Faratronic Co., Ltd.: Product Portfolio



# **List Of Figures**

#### LIST OF FIGURES

- Figure 01. Key Market Segments
- Figure 02. Global Film Capacitors Market: Executive Summary
- Figure 03. Top Impacting Factors
- Figure 04. Top Investment Pockets
- Figure 05. Low Bargaining Power of Suppliers
- Figure 06. Low Threat of New Entrants
- Figure 07. High Threat of Substitutes
- Figure 08. Moderate Intensity of Rivalry
- Figure 09. Moderate Bargaining Power of Buyers
- Figure 10. Patent Analysis, By Country
- Figure 11. Global Film Capacitors Market, By Product, 2018-2026
- Figure 12. Comparative Share Analysis of Ac Film Capactors Market, By Country, 2018 & 2026(%)
- Figure 13. Comparative Share Analysis of Dc Film Capacitors Market, By Country, 2018 & 2026(%)
- Figure 14. Global Film Capacitors Market, By Type, 2018-2026
- Figure 15. Comparative Share Analysis of On Paper Film Capacitors Market, By Country, 2018 & 2026(%)
- Figure 16. Comparative Share Analysis of Plastic Film Capacitors Market, By Country, 2018 & 2026(%)
- Figure 17. Global Film Capacitors Market, By Industry Vertical, 2018-2026
- Figure 18. Comparative Share Analysis of Film Capacitors For Automotive Market, By Country, 2018 & 2026 (%)
- Figure 19. Comparative Share Analysis of Film Capacitors For Power & Utilities Market, By Country, 2018 & 2026(%)
- Figure 20. Comparative Share Analysis of Film Capacitors For Consumer Electronics Market, By Country, 2018 & 2026(%)
- Figure 21. Comparative Share Analysis of Film Capacitors For Telecommunication Market, By Country, 2018 & 2026(%)
- Figure 22. Comparative Share Analysis of Film Capacitors For Others Market, By Country, 2018 & 2026(%)
- Figure 23. Global Film Capacitors Market, By Region, 2018-2026
- Figure 24. Comparative Share Analysis of Americas Film Capacitors Market, By Country, 2018-2026 (%)
- Figure 25. U.S. Film Capacitors Market, 2018-2026 (\$Million)



- Figure 26. Rest of Americas Film Capacitors Market, 2018-2026 (\$Million)
- Figure 27. Comparative Share Analysis of Emea Film Capacitors Market, By Country, 2018-2026 (%)
- Figure 28. Germany Film Capacitors Market, 2018-2026 (\$Million)
- Figure 29. Middle East & Africa Film Capacitors Market, 2018-2026 (\$Million)
- Figure 30. Rest of Emea Film Capacitors Market, 2018-2026 (\$Million)
- Figure 31. Comparative Share Analysis of Asia-Pacific Film Capacitors Market, By Country, 2018-2026 (%)
- Figure 32. China Film Capacitors Market, 2018-2026 (\$Million)
- Figure 33. Japan Film Capacitors Market, 2018-2026 (\$Million)
- Figure 34. Rest of Asia-Pacific Film Capacitors Market, 2018-2026 (\$Million)
- Figure 35. Market Player Positioning, 2018
- Figure 36. Top Winning Strategies, By Year, 2016-2019\*
- Figure 37. Top Winning Strategies, By Development, 2016-2019\*
- Figure 38. Top Winning Strategies, By Company, 2016-2019\*
- Figure 39. Panasonic Corporation: Key Executives:
- Figure 40. R&D Expenditure, 2016–2018 (\$Million)
- Figure 41. Panasonic Corporation: Revenue, 2016–2018 (\$Million)
- Figure 42. Panasonic Corporation: Revenue Share By Segment, 2018 (%)
- Figure 43. Panasonic Corporation: Revenue Share By Region, 2018 (%)
- Figure 44. Avx Corporation: R&D Expenditure, 2016–2018 (\$Million)
- Figure 45. Avx Corporation: Revenue, 2016–2018 (\$Million)
- Figure 46. Avx Corporation: Revenue Share By Segment, 2018 (%)
- Figure 47. Avx Corporation: Revenue Share By Region, 2018 (%)
- Figure 48. Kemet Corporation: R&D Expenditure, 2016–2018 (\$Million)
- Figure 49. Kemet Corporation: Revenue, 2016–2018 (\$Million)
- Figure 50. Kemet Corporation: Revenue Share By Segment, 2018 (%)
- Figure 51. Kemet Corporation: Revenue Share By Region, 2018 (%)
- Figure 52. Tdk Corporation: R&D Expenditure, 2016–2018 (\$Million)
- Figure 53. Tdk Corporation: Revenue, 2016–2018 (\$Million)
- Figure 54. Tdk Corporation: Revenue Share By Segment, 2018 (%)
- Figure 55. Tdk Corporation: Revenue Share By Region, 2018 (%)
- Figure 56. Vishay Intertechnology, Inc.: R&D Expenditure, 2016–2018 (\$Million)
- Figure 57. Vishay Intertechnology, Inc.: Revenue, 2016–2018 (\$Million)
- Figure 58. Vishay Intertechnology, Inc.: Revenue Share By Segment, 2018 (%)
- Figure 59. Vishay Intertechnology, Inc.: Revenue Share By Region, 2018 (%)



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