

Global Piezoelectric Ceramic Elements Production, Demand and Key Producers, 2022-2028

<https://marketpublishers.com/r/G1AD2A2E369FEN.html>

Date: December 2022

Pages: 121

Price: US\$ 4,480.00 (Single User License)

ID: G1AD2A2E369FEN

Abstracts

Piezoelectric elements refer to piezoceramic elements /components which are ceramic sheets that utilize the reversibility of the piezoelectric effect to apply an audio voltage thereon to cause mechanical vibration and sound.

This report studies the global Piezoelectric Ceramic Elements production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Piezoelectric Ceramic Elements, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Piezoelectric Ceramic Elements that contribute to its increasing demand across many markets.

The global Piezoelectric Ceramic Elements market size is expected to reach \$ million by 2028, rising at a market growth of % CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Piezoelectric Ceramic Elements total production and demand, 2017-2028, (K Units)

Global Piezoelectric Ceramic Elements total production value, 2017-2028, (USD Million)

Global Piezoelectric Ceramic Elements production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (K Units)

Global Piezoelectric Ceramic Elements consumption by region & country, CAGR, 2017-2028 & (K Units)

U.S. VS China: Piezoelectric Ceramic Elements domestic production, consumption, key domestic manufacturers and share

Global Piezoelectric Ceramic Elements production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (K Units)

Global Piezoelectric Ceramic Elements production by Type, production, value, CAGR, 2017-2028, (USD Million) & (K Units)

Global Piezoelectric Ceramic Elements production by Application production, value, CAGR, 2017-2028, (USD Million) & (K Units)

This reports profiles key players in the global Piezoelectric Ceramic Elements market based on the following parameters – headquarters, production locations, products portfolio, Piezoelectric Ceramic Elements revenue, sales, average price and gross margin, recent developments.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Piezoelectric Ceramic Elements market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global Piezoelectric Ceramic Elements Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global Piezoelectric Ceramic Elements Market, Segmentation by Type

PZT-based

PMN-based

Others

Global Piezoelectric Ceramic Elements Market, Segmentation by Application

Medical

Automotive

Industrial Equipment

Semiconductors

Consumer Electronics

Others

Companies Profiled:

Kyocera

Johnson Matthey

CTS Corporation

PI Ceramic GmbH

Harris

Fuji Ceramics Corporation

Piezo Technologies

Meggitt Sensing

TRS Technologies?Inc

TDK Corporation

MSI Tranducers Corp.

APC International

Piezo Kinetics

Sparkler Ceramics

Weifang Jude Electronic Co.,Ltd

Key Questions Answered

1. How big is the global Piezoelectric Ceramic Elements market?
2. What is the demand of the global Piezoelectric Ceramic Elements market?
3. What is the year over year growth of the global Piezoelectric Ceramic Elements market?

4. What is the production and production value of the global Piezoelectric Ceramic Elements market?
5. Who are the key producers in the global Piezoelectric Ceramic Elements market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Piezoelectric Ceramic Elements Introduction
- 1.2 World Piezoelectric Ceramic Elements Supply & Forecast
 - 1.2.1 World Piezoelectric Ceramic Elements Production Value (2017 & 2021 & 2028)
 - 1.2.2 World Piezoelectric Ceramic Elements Production (2017-2028)
 - 1.2.3 World Piezoelectric Ceramic Elements Pricing Trends (2017-2028)
- 1.3 World Piezoelectric Ceramic Elements Production by Region
 - 1.3.1 World Piezoelectric Ceramic Elements Production Value by Region (2017-2028)
 - 1.3.2 World Piezoelectric Ceramic Elements Production by Region (2017-2028)
 - 1.3.3 World Piezoelectric Ceramic Elements Average Price by Region (2017-2028)
 - 1.3.4 North America Piezoelectric Ceramic Elements Production (2017-2028)
 - 1.3.5 Europe Piezoelectric Ceramic Elements Production (2017-2028)
 - 1.3.6 China Piezoelectric Ceramic Elements Production (2017-2028)
 - 1.3.7 Japan Piezoelectric Ceramic Elements Production (2017-2028)
 - 1.3.8 South Korea Piezoelectric Ceramic Elements Production (2017-2028)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Piezoelectric Ceramic Elements Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Piezoelectric Ceramic Elements Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Piezoelectric Ceramic Elements Demand (2017-2028)
- 2.2 World Piezoelectric Ceramic Elements Consumption by Region
 - 2.2.1 World Piezoelectric Ceramic Elements Consumption by Region (2017-2022)
 - 2.2.2 World Piezoelectric Ceramic Elements Consumption Forecast by Region (2023-2028)
- 2.3 United States Piezoelectric Ceramic Elements Consumption (2017-2028)
- 2.4 China Piezoelectric Ceramic Elements Consumption (2017-2028)
- 2.5 Europe Piezoelectric Ceramic Elements Consumption (2017-2028)
- 2.6 Japan Piezoelectric Ceramic Elements Consumption (2017-2028)
- 2.7 South Korea Piezoelectric Ceramic Elements Consumption (2017-2028)
- 2.8 ASEAN Piezoelectric Ceramic Elements Consumption (2017-2028)

2.9 India Piezoelectric Ceramic Elements Consumption (2017-2028)

3 WORLD PIEZOELECTRIC CERAMIC ELEMENTS MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Piezoelectric Ceramic Elements Production Value by Manufacturer (2017-2022)

3.2 World Piezoelectric Ceramic Elements Production by Manufacturer (2017-2022)

3.3 World Piezoelectric Ceramic Elements Average Price by Manufacturer (2017-2022)

3.4 Piezoelectric Ceramic Elements Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Piezoelectric Ceramic Elements Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Piezoelectric Ceramic Elements in 2021

3.5.3 Global Concentration Ratios (CR8) for Piezoelectric Ceramic Elements in 2021

3.6 Piezoelectric Ceramic Elements Market: Overall Company Footprint Analysis

3.6.1 Piezoelectric Ceramic Elements Market: Region Footprint

3.6.2 Piezoelectric Ceramic Elements Market: Company Product Type Footprint

3.6.3 Piezoelectric Ceramic Elements Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Piezoelectric Ceramic Elements Production Value Comparison

4.1.1 United States VS China: Piezoelectric Ceramic Elements Production Value Comparison (2017 & 2021 & 2028)

4.1.2 United States VS China: Piezoelectric Ceramic Elements Production Value Market Share Comparison (2017 & 2021 & 2028)

4.2 United States VS China: Piezoelectric Ceramic Elements Production Comparison

4.2.1 United States VS China: Piezoelectric Ceramic Elements Production Comparison (2017 & 2021 & 2028)

4.2.2 United States VS China: Piezoelectric Ceramic Elements Production Market Share Comparison (2017 & 2021 & 2028)

4.3 United States VS China: Piezoelectric Ceramic Elements Consumption Comparison

4.3.1 United States VS China: Piezoelectric Ceramic Elements Consumption Comparison (2017 & 2021 & 2028)

4.3.2 United States VS China: Piezoelectric Ceramic Elements Consumption Market Share Comparison (2017 & 2021 & 2028)

4.4 United States Piezoelectric Ceramic Elements Key Producers and Market Share, 2017-2022

4.4.1 Major Manufacturer of Piezoelectric Ceramic Elements in United States, Company Headquarters and Production Place (States, Country)

4.4.2 United States Piezoelectric Ceramic Elements Production Value by Domestic Manufacturer, (2017-2022)

4.4.3 United States Piezoelectric Ceramic Elements Production by Domestic Manufacturer, (2017-2022)

4.5 China Piezoelectric Ceramic Elements Key Producers and Market Share, 2017-2022

4.5.1 Major Manufacturer of Piezoelectric Ceramic Elements in China, Company Headquarters and Production Place (Province, Country)

4.5.2 China Piezoelectric Ceramic Elements Production Value by Domestic Manufacturer, (2017-2022)

4.5.3 China Piezoelectric Ceramic Elements Production by Domestic Manufacturer, (2017-2022)

4.6 Rest of World Piezoelectric Ceramic Elements Key Producers and Market Share, 2017-2022

4.6.1 Major Manufacturer of Piezoelectric Ceramic Elements in Rest of World, Company Headquarters and Production Place (State, Country)

4.6.2 Rest of World Piezoelectric Ceramic Elements Production Value by Domestic Manufacturer, (2017-2022)

4.6.3 Rest of World Piezoelectric Ceramic Elements Production by Domestic Manufacturer, (2017-2022)

5 MARKET ANALYSIS BY TYPE

5.1 World Piezoelectric Ceramic Elements Market Size Overview by Type: 2017 VS 2021 VS 2028

5.2 Segment Introduction by Type

5.2.1 PZT-based

5.2.2 PMN-based

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Piezoelectric Ceramic Elements Production by Type (2017-2028)

5.3.2 World Piezoelectric Ceramic Elements Production Value by Type (2017-2028)

5.3.3 World Piezoelectric Ceramic Elements Average Price by Type (2017-2028)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Piezoelectric Ceramic Elements Market Size Overview by Application: 2017 VS 2021 VS 2028

6.2 Segment Introduction by Application

6.2.1 Medical

6.2.2 Automotive

6.2.3 Industrial Equipment

6.2.4 Semiconductors

6.2.5 Consumer Electronics

6.2.6 Others

6.3 Market Segment by Application

6.3.1 World Piezoelectric Ceramic Elements Production by Application (2017-2028)

6.3.2 World Piezoelectric Ceramic Elements Production Value by Application (2017-2028)

6.3.3 World Piezoelectric Ceramic Elements Average Price by Application (2017-2028)

7 COMPANY PROFILES

7.1 Kyocera

7.1.1 Kyocera Details

7.1.2 Kyocera Major Business

7.1.3 Kyocera Piezoelectric Ceramic Elements Product and Services

7.1.4 Kyocera Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.1.5 Kyocera Recent Developments/Updates

7.1.6 Kyocera Competitive Strengths & Weaknesses

7.2 Johnson Matthey

7.2.1 Johnson Matthey Details

7.2.2 Johnson Matthey Major Business

7.2.3 Johnson Matthey Piezoelectric Ceramic Elements Product and Services

7.2.4 Johnson Matthey Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.2.5 Johnson Matthey Recent Developments/Updates

7.2.6 Johnson Matthey Competitive Strengths & Weaknesses

7.3 CTS Corporation

- 7.3.1 CTS Corporation Details
- 7.3.2 CTS Corporation Major Business
- 7.3.3 CTS Corporation Piezoelectric Ceramic Elements Product and Services
- 7.3.4 CTS Corporation Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)
- 7.3.5 CTS Corporation Recent Developments/Updates
- 7.3.6 CTS Corporation Competitive Strengths & Weaknesses
- 7.4 PI Ceramic GmbH
 - 7.4.1 PI Ceramic GmbH Details
 - 7.4.2 PI Ceramic GmbH Major Business
 - 7.4.3 PI Ceramic GmbH Piezoelectric Ceramic Elements Product and Services
 - 7.4.4 PI Ceramic GmbH Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.4.5 PI Ceramic GmbH Recent Developments/Updates
 - 7.4.6 PI Ceramic GmbH Competitive Strengths & Weaknesses
- 7.5 Harris
 - 7.5.1 Harris Details
 - 7.5.2 Harris Major Business
 - 7.5.3 Harris Piezoelectric Ceramic Elements Product and Services
 - 7.5.4 Harris Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.5.5 Harris Recent Developments/Updates
 - 7.5.6 Harris Competitive Strengths & Weaknesses
- 7.6 Fuji Ceramics Corporation
 - 7.6.1 Fuji Ceramics Corporation Details
 - 7.6.2 Fuji Ceramics Corporation Major Business
 - 7.6.3 Fuji Ceramics Corporation Piezoelectric Ceramic Elements Product and Services
 - 7.6.4 Fuji Ceramics Corporation Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.6.5 Fuji Ceramics Corporation Recent Developments/Updates
 - 7.6.6 Fuji Ceramics Corporation Competitive Strengths & Weaknesses
- 7.7 Piezo Technologies
 - 7.7.1 Piezo Technologies Details
 - 7.7.2 Piezo Technologies Major Business
 - 7.7.3 Piezo Technologies Piezoelectric Ceramic Elements Product and Services
 - 7.7.4 Piezo Technologies Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.7.5 Piezo Technologies Recent Developments/Updates
 - 7.7.6 Piezo Technologies Competitive Strengths & Weaknesses

7.8 Meggitt Sensing

7.8.1 Meggitt Sensing Details

7.8.2 Meggitt Sensing Major Business

7.8.3 Meggitt Sensing Piezoelectric Ceramic Elements Product and Services

7.8.4 Meggitt Sensing Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.8.5 Meggitt Sensing Recent Developments/Updates

7.8.6 Meggitt Sensing Competitive Strengths & Weaknesses

7.9 TRS Technologies?Inc

7.9.1 TRS Technologies?Inc Details

7.9.2 TRS Technologies?Inc Major Business

7.9.3 TRS Technologies?Inc Piezoelectric Ceramic Elements Product and Services

7.9.4 TRS Technologies?Inc Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.9.5 TRS Technologies?Inc Recent Developments/Updates

7.9.6 TRS Technologies?Inc Competitive Strengths & Weaknesses

7.10 TDK Corporation

7.10.1 TDK Corporation Details

7.10.2 TDK Corporation Major Business

7.10.3 TDK Corporation Piezoelectric Ceramic Elements Product and Services

7.10.4 TDK Corporation Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.10.5 TDK Corporation Recent Developments/Updates

7.10.6 TDK Corporation Competitive Strengths & Weaknesses

7.11 MSI Tranducers Corp.

7.11.1 MSI Tranducers Corp. Details

7.11.2 MSI Tranducers Corp. Major Business

7.11.3 MSI Tranducers Corp. Piezoelectric Ceramic Elements Product and Services

7.11.4 MSI Tranducers Corp. Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.11.5 MSI Tranducers Corp. Recent Developments/Updates

7.11.6 MSI Tranducers Corp. Competitive Strengths & Weaknesses

7.12 APC International

7.12.1 APC International Details

7.12.2 APC International Major Business

7.12.3 APC International Piezoelectric Ceramic Elements Product and Services

7.12.4 APC International Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.12.5 APC International Recent Developments/Updates

- 7.12.6 APC International Competitive Strengths & Weaknesses
- 7.13 Piezo Kinetics
 - 7.13.1 Piezo Kinetics Details
 - 7.13.2 Piezo Kinetics Major Business
 - 7.13.3 Piezo Kinetics Piezoelectric Ceramic Elements Product and Services
 - 7.13.4 Piezo Kinetics Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.13.5 Piezo Kinetics Recent Developments/Updates
 - 7.13.6 Piezo Kinetics Competitive Strengths & Weaknesses
- 7.14 Sparkler Ceramics
 - 7.14.1 Sparkler Ceramics Details
 - 7.14.2 Sparkler Ceramics Major Business
 - 7.14.3 Sparkler Ceramics Piezoelectric Ceramic Elements Product and Services
 - 7.14.4 Sparkler Ceramics Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.14.5 Sparkler Ceramics Recent Developments/Updates
 - 7.14.6 Sparkler Ceramics Competitive Strengths & Weaknesses
- 7.15 Weifang Jude Electronic Co.,Ltd
 - 7.15.1 Weifang Jude Electronic Co.,Ltd Details
 - 7.15.2 Weifang Jude Electronic Co.,Ltd Major Business
 - 7.15.3 Weifang Jude Electronic Co.,Ltd Piezoelectric Ceramic Elements Product and Services
 - 7.15.4 Weifang Jude Electronic Co.,Ltd Piezoelectric Ceramic Elements Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.15.5 Weifang Jude Electronic Co.,Ltd Recent Developments/Updates
 - 7.15.6 Weifang Jude Electronic Co.,Ltd Competitive Strengths & Weaknesses

8 RAW MATERIAL AND INDUSTRY CHAIN

- 8.1 Raw Material of Piezoelectric Ceramic Elements and Key Manufacturers
- 8.2 Piezoelectric Ceramic Elements Manufacturing Costs
- 8.3 Piezoelectric Ceramic Elements Production Process
- 8.4 Piezoelectric Ceramic Elements Industrial Chain

9 DISTRIBUTION CHANNEL ANALYSIS

- 9.1 Distribution Channel Breakdown for Piezoelectric Ceramic Elements Shipments (%): 2017-2028
 - 9.1.1 Direct Channel

9.1.2 Indirect Channel

9.2 Piezoelectric Ceramic Elements Typical Distributors

9.3 Piezoelectric Ceramic Elements Typical Customers

10 RESEARCH FINDINGS AND CONCLUSION

11 APPENDIX

11.1 Methodology

11.2 Research Process and Data Source

11.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Piezoelectric Ceramic Elements Production Value by Region (2017, 2022 and 2028) & (USD Million)

Table 2. World Piezoelectric Ceramic Elements Production Value by Region (2017-2022) & (USD Million)

Table 3. World Piezoelectric Ceramic Elements Production Value by Region (2023-2028) & (USD Million)

Table 4. World Piezoelectric Ceramic Elements Production Value Market Share by Region (2017-2022)

Table 5. World Piezoelectric Ceramic Elements Production Value Market Share by Region (2023-2028)

Table 6. World Piezoelectric Ceramic Elements Production by Region (2017-2022) & (K Units)

Table 7. World Piezoelectric Ceramic Elements Production by Region (2023-2028) & (K Units)

Table 8. World Piezoelectric Ceramic Elements Production Market Share by Region (2017-2022)

Table 9. World Piezoelectric Ceramic Elements Production Market Share by Region (2023-2028)

Table 10. World Piezoelectric Ceramic Elements Average Price by Region (2017-2022) & (US\$/Unit)

Table 11. World Piezoelectric Ceramic Elements Average Price by Region (2023-2028) & (US\$/Unit)

Table 12. Piezoelectric Ceramic Elements Major Market Trends

Table 13. World Piezoelectric Ceramic Elements Consumption Growth Rate Forecast by Region (2017 & 2021 & 2028) & (K Units)

Table 14. World Piezoelectric Ceramic Elements Consumption by Region (2017-2022) & (K Units)

Table 15. World Piezoelectric Ceramic Elements Consumption Forecast by Region (2023-2028) & (K Units)

Table 16. World Piezoelectric Ceramic Elements Production Value by Manufacturer (2017-2022) & (USD Million)

Table 17. Production Value Market Share of Key Piezoelectric Ceramic Elements Producers in 2021

Table 18. World Piezoelectric Ceramic Elements Production by Manufacturer (2017-2022) & (K Units)

Table 19. Production Market Share of Key Piezoelectric Ceramic Elements Producers in 2021

Table 20. World Piezoelectric Ceramic Elements Average Price by Manufacturer (2017-2022) & (US\$/Unit)

Table 21. Global Piezoelectric Ceramic Elements Company Evaluation Quadrant

Table 22. World Piezoelectric Ceramic Elements Industry Rank of Major Manufacturers, Based on Production Value in 2021

Table 23. Head Office and Piezoelectric Ceramic Elements Production Site of Key Manufacturer

Table 24. Piezoelectric Ceramic Elements Market: Company Product Type Footprint

Table 25. Piezoelectric Ceramic Elements Market: Company Product Application Footprint

Table 26. Piezoelectric Ceramic Elements Competitive Factors

Table 27. Piezoelectric Ceramic Elements New Entrant and Capacity Expansion Plans

Table 28. Piezoelectric Ceramic Elements Mergers & Acquisitions Activity

Table 29. United States VS China Piezoelectric Ceramic Elements Production Value Comparison, (2017 & 2021 & 2028) & (USD Million)

Table 30. United States VS China Piezoelectric Ceramic Elements Production Comparison, (2017 & 2021 & 2028) & (K Units)

Table 31. United States VS China Piezoelectric Ceramic Elements Consumption Comparison, (2017 & 2021 & 2028) & (K Units)

Table 32. Major Manufacturer of Piezoelectric Ceramic Elements in United States, Company Headquarters and Production Place (States, Country)

Table 33. United States Piezoelectric Ceramic Elements Production Value by Domestic Manufacturer, (2017-2022) & (USD Million)

Table 34. United States Piezoelectric Ceramic Elements Production Value Market Share by Domestic Manufacturer, (2017-2022)

Table 35. United States Piezoelectric Ceramic Elements Production by Domestic Manufacturer, (2017-2022) & (K Units)

Table 36. United States Piezoelectric Ceramic Elements Production Market Share by Domestic Manufacturer, (2017-2022)

Table 37. Major Manufacturer of Piezoelectric Ceramic Elements in China, Company Headquarters and Production Place (Province, Country)

Table 38. China Piezoelectric Ceramic Elements Production Value by Domestic Manufacturer, (2017-2022) & (USD Million)

Table 39. China Piezoelectric Ceramic Elements Production Value Market Share by Domestic Manufacturer, (2017-2022)

Table 40. China Piezoelectric Ceramic Elements Production by Domestic Manufacturer, (2017-2022) & (K Units)

Table 41. China Piezoelectric Ceramic Elements Production Market Share by Domestic Manufacturer, (2017-2022)

Table 42. Major Manufacturer of Piezoelectric Ceramic Elements in Rest of World, Company Headquarters and Production Place (State, Country)

Table 43. Rest of World Piezoelectric Ceramic Elements Production Value by Domestic Manufacturer, (2017-2022) & (USD Million)

Table 44. Rest of World Piezoelectric Ceramic Elements Production Value Market Share by Domestic Manufacturer, (2017-2022)

Table 45. Rest of World Piezoelectric Ceramic Elements Production by Domestic Manufacturer, (2017-2022) & (K Units)

Table 46. Rest of World Piezoelectric Ceramic Elements Production Market Share by Domestic Manufacturer, (2017-2022)

Table 47. World Piezoelectric Ceramic Elements Production Value by Type, (USD Million), 2017 & 2021 & 2028

Table 48. World Piezoelectric Ceramic Elements Production by Type (2017-2022) & (K Units)

Table 49. World Piezoelectric Ceramic Elements Production by Type (2023-2028) & (K Units)

Table 50. World Piezoelectric Ceramic Elements Production Value by Type (2017-2022) & (USD Million)

Table 51. World Piezoelectric Ceramic Elements Production Value by Type (2023-2028) & (USD Million)

Table 52. World Piezoelectric Ceramic Elements Average Price by Type (2017-2022) & (US\$/Unit)

Table 53. World Piezoelectric Ceramic Elements Average Price by Type (2023-2028) & (US\$/Unit)

Table 54. World Piezoelectric Ceramic Elements Production Value by Application, (USD Million), 2017 & 2021 & 2028

Table 55. World Piezoelectric Ceramic Elements Production by Application (2017-2022) & (K Units)

Table 56. World Piezoelectric Ceramic Elements Production by Application (2023-2028) & (K Units)

Table 57. World Piezoelectric Ceramic Elements Production Value by Application (2017-2022) & (USD Million)

Table 58. World Piezoelectric Ceramic Elements Production Value by Application (2023-2028) & (USD Million)

Table 59. World Piezoelectric Ceramic Elements Average Price by Application (2017-2022) & (US\$/Unit)

Table 60. World Piezoelectric Ceramic Elements Average Price by Application

(2023-2028) & (US\$/Unit)

Table 61. Kyocera Basic Information, Manufacturing Base and Competitors

Table 62. Kyocera Major Business

Table 63. Kyocera Piezoelectric Ceramic Elements Product and Services

Table 64. Kyocera Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 65. Kyocera Recent Developments/Updates

Table 66. Kyocera Competitive Strengths & Weaknesses

Table 67. Johnson Matthey Basic Information, Manufacturing Base and Competitors

Table 68. Johnson Matthey Major Business

Table 69. Johnson Matthey Piezoelectric Ceramic Elements Product and Services

Table 70. Johnson Matthey Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 71. Johnson Matthey Recent Developments/Updates

Table 72. Johnson Matthey Competitive Strengths & Weaknesses

Table 73. CTS Corporation Basic Information, Manufacturing Base and Competitors

Table 74. CTS Corporation Major Business

Table 75. CTS Corporation Piezoelectric Ceramic Elements Product and Services

Table 76. CTS Corporation Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 77. CTS Corporation Recent Developments/Updates

Table 78. CTS Corporation Competitive Strengths & Weaknesses

Table 79. PI Ceramic GmbH Basic Information, Manufacturing Base and Competitors

Table 80. PI Ceramic GmbH Major Business

Table 81. PI Ceramic GmbH Piezoelectric Ceramic Elements Product and Services

Table 82. PI Ceramic GmbH Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 83. PI Ceramic GmbH Recent Developments/Updates

Table 84. PI Ceramic GmbH Competitive Strengths & Weaknesses

Table 85. Harris Basic Information, Manufacturing Base and Competitors

Table 86. Harris Major Business

Table 87. Harris Piezoelectric Ceramic Elements Product and Services

Table 88. Harris Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 89. Harris Recent Developments/Updates

Table 90. Harris Competitive Strengths & Weaknesses

Table 91. Fuji Ceramics Corporation Basic Information, Manufacturing Base and Competitors

Table 92. Fuji Ceramics Corporation Major Business

Table 93. Fuji Ceramics Corporation Piezoelectric Ceramic Elements Product and Services

Table 94. Fuji Ceramics Corporation Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 95. Fuji Ceramics Corporation Recent Developments/Updates

Table 96. Fuji Ceramics Corporation Competitive Strengths & Weaknesses

Table 97. Piezo Technologies Basic Information, Manufacturing Base and Competitors

Table 98. Piezo Technologies Major Business

Table 99. Piezo Technologies Piezoelectric Ceramic Elements Product and Services

Table 100. Piezo Technologies Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 101. Piezo Technologies Recent Developments/Updates

Table 102. Piezo Technologies Competitive Strengths & Weaknesses

Table 103. Meggitt Sensing Basic Information, Manufacturing Base and Competitors

Table 104. Meggitt Sensing Major Business

Table 105. Meggitt Sensing Piezoelectric Ceramic Elements Product and Services

Table 106. Meggitt Sensing Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 107. Meggitt Sensing Recent Developments/Updates

Table 108. Meggitt Sensing Competitive Strengths & Weaknesses

Table 109. TRS Technologies?Inc Basic Information, Manufacturing Base and Competitors

Table 110. TRS Technologies?Inc Major Business

Table 111. TRS Technologies?Inc Piezoelectric Ceramic Elements Product and Services

Table 112. TRS Technologies?Inc Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 113. TRS Technologies?Inc Recent Developments/Updates

Table 114. TRS Technologies?Inc Competitive Strengths & Weaknesses

Table 115. TDK Corporation Basic Information, Manufacturing Base and Competitors

Table 116. TDK Corporation Major Business

Table 117. TDK Corporation Piezoelectric Ceramic Elements Product and Services

Table 118. TDK Corporation Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 119. TDK Corporation Recent Developments/Updates

Table 120. TDK Corporation Competitive Strengths & Weaknesses

Table 121. MSI Tranducers Corp. Basic Information, Manufacturing Base and Competitors

Table 122. MSI Tranducers Corp. Major Business

Table 123. MSI Tranducers Corp. Piezoelectric Ceramic Elements Product and Services

Table 124. MSI Tranducers Corp. Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 125. MSI Tranducers Corp. Recent Developments/Updates

Table 126. MSI Tranducers Corp. Competitive Strengths & Weaknesses

Table 127. APC International Basic Information, Manufacturing Base and Competitors

Table 128. APC International Major Business

Table 129. APC International Piezoelectric Ceramic Elements Product and Services

Table 130. APC International Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 131. APC International Recent Developments/Updates

Table 132. APC International Competitive Strengths & Weaknesses

Table 133. Piezo Kinetics Basic Information, Manufacturing Base and Competitors

Table 134. Piezo Kinetics Major Business

Table 135. Piezo Kinetics Piezoelectric Ceramic Elements Product and Services

Table 136. Piezo Kinetics Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 137. Piezo Kinetics Recent Developments/Updates

Table 138. Piezo Kinetics Competitive Strengths & Weaknesses

Table 139. Sparkler Ceramics Basic Information, Manufacturing Base and Competitors

Table 140. Sparkler Ceramics Major Business

Table 141. Sparkler Ceramics Piezoelectric Ceramic Elements Product and Services

Table 142. Sparkler Ceramics Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 143. Sparkler Ceramics Recent Developments/Updates

Table 144. Weifang Jude Electronic Co.,Ltd Basic Information, Manufacturing Base and Competitors

Table 145. Weifang Jude Electronic Co.,Ltd Major Business

Table 146. Weifang Jude Electronic Co.,Ltd Piezoelectric Ceramic Elements Product and Services

Table 147. Weifang Jude Electronic Co.,Ltd Piezoelectric Ceramic Elements Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 148. Piezoelectric Ceramic Elements Raw Material

Table 149. Key Manufacturers of Piezoelectric Ceramic Elements Raw Materials

Table 150. Piezoelectric Ceramic Elements Typical Distributors

Table 151. Piezoelectric Ceramic Elements Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Piezoelectric Ceramic Elements Picture

Figure 2. World Piezoelectric Ceramic Elements Production Value: 2017 & 2021 & 2028, (USD Million)

Figure 3. World Piezoelectric Ceramic Elements Production Value and Forecast (2017-2028) & (USD Million)

Figure 4. World Piezoelectric Ceramic Elements Production (2017-2028) & (K Units)

Figure 5. World Piezoelectric Ceramic Elements Average Price (2017-2028) & (US\$/Unit)

Figure 6. World Piezoelectric Ceramic Elements Production Value Market Share by Region (2017-2028)

Figure 7. World Piezoelectric Ceramic Elements Production Market Share by Region (2017-2028)

Figure 8. North America Piezoelectric Ceramic Elements Production (2017-2028) & (K Units)

Figure 9. Europe Piezoelectric Ceramic Elements Production (2017-2028) & (K Units)

Figure 10. China Piezoelectric Ceramic Elements Production (2017-2028) & (K Units)

Figure 11. Japan Piezoelectric Ceramic Elements Production (2017-2028) & (K Units)

Figure 12. South Korea Piezoelectric Ceramic Elements Production (2017-2028) & (K Units)

Figure 13. Piezoelectric Ceramic Elements Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Piezoelectric Ceramic Elements Demand (2017-2028) & (K Units)

Figure 16. World Piezoelectric Ceramic Elements Consumption Market Share by Region (2017-2028)

Figure 17. United States Piezoelectric Ceramic Elements Consumption (2017-2028) & (K Units)

Figure 18. China Piezoelectric Ceramic Elements Consumption (2017-2028) & (K Units)

Figure 19. Europe Piezoelectric Ceramic Elements Consumption (2017-2028) & (K Units)

Figure 20. Japan Piezoelectric Ceramic Elements Consumption (2017-2028) & (K Units)

Figure 21. South Korea Piezoelectric Ceramic Elements Consumption (2017-2028) & (K Units)

Figure 22. ASEAN Piezoelectric Ceramic Elements Consumption (2017-2028) & (K Units)

Figure 23. India Piezoelectric Ceramic Elements Consumption (2017-2028) & (K Units)

Figure 24. Producer Shipments of Piezoelectric Ceramic Elements by Manufacturer Revenue (\$MM) and Market Share (%): 2021

Figure 25. Global Four-firm Concentration Ratios (CR4) for Piezoelectric Ceramic Elements Markets in 2021

Figure 26. Global Four-firm Concentration Ratios (CR8) for Piezoelectric Ceramic Elements Markets in 2021

Figure 27. United States VS China: Piezoelectric Ceramic Elements Production Value Market Share Comparison (2017 & 2021 & 2028)

Figure 28. United States VS China: Piezoelectric Ceramic Elements Production Market Share Comparison (2017 & 2021 & 2028)

Figure 29. United States VS China: Piezoelectric Ceramic Elements Consumption Market Share Comparison (2017 & 2021 & 2028)

Figure 30. Key Producers and Market Share of Piezoelectric Ceramic Elements in United States

Figure 31. Key Producers and Market Share of Piezoelectric Ceramic Elements in China

Figure 32. Key Producers and Market Share of Piezoelectric Ceramic Elements in Rest of World

Figure 33. World Piezoelectric Ceramic Elements Production Value by Type, (USD Million), 2017 & 2021 & 2028

Figure 34. World Piezoelectric Ceramic Elements Production Value Market Share by Type in 2021

Figure 35. PZT-based

Figure 36. PMN-based

Figure 37. Others

Figure 38. World Piezoelectric Ceramic Elements Production Market Share by Type (2017-2028)

Figure 39. World Piezoelectric Ceramic Elements Production Value Market Share by Type (2017-2028)

Figure 40. World Piezoelectric Ceramic Elements Average Price by Type (2017-2028) & (US\$/Unit)

Figure 41. World Piezoelectric Ceramic Elements Production Value by Application, (USD Million), 2017 & 2021 & 2028

Figure 42. World Piezoelectric Ceramic Elements Production Value Market Share by Application in 2021

Figure 43. Medical

Figure 44. Automotive

Figure 45. Industrial Equipment

Figure 46. Semiconductors

Figure 47. Consumer Electronics

Figure 48. Others

Figure 49. World Piezoelectric Ceramic Elements Production Market Share by Application (2017-2028)

Figure 50. World Piezoelectric Ceramic Elements Production Value Market Share by Application (2017-2028)

Figure 51. World Piezoelectric Ceramic Elements Average Price by Application (2017-2028) & (US\$/Unit)

Figure 52. Manufacturing Cost Structure Analysis of Piezoelectric Ceramic Elements in 2021

Figure 53. Manufacturing Process Analysis of Piezoelectric Ceramic Elements

Figure 54. Piezoelectric Ceramic Elements Industrial Chain

Figure 55. Distribution Channel Breakdown for Piezoelectric Ceramic Elements Shipments (%): 2017-2028

Figure 56. Direct Channel Pros & Cons

Figure 57. Indirect Channel Pros & Cons

Figure 58. Methodology

Figure 59. Research Process and Data Source

I would like to order

Product name: Global Piezoelectric Ceramic Elements Production, Demand and Key Producers, 2022-2028

Product link: <https://marketpublishers.com/r/G1AD2A2E369FEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G1AD2A2E369FEN.html>