

Global Multilayer Piezo Actuators Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G7FF464DCBE7EN.html>

Date: February 2023

Pages: 115

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

ID: G7FF464DCBE7EN

Abstracts

The global Multilayer Piezo Actuators market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Multilayer piezoelectric actuators are ceramic elements for converting electrical energy into mechanical energy such as displacement or force by utilizing the piezoelectric longitudinal effect.

This report studies the global Multilayer Piezo Actuators production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Multilayer Piezo Actuators, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Multilayer Piezo Actuators that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Multilayer Piezo Actuators total production and demand, 2018-2029, (K Units)

Global Multilayer Piezo Actuators total production value, 2018-2029, (USD Million)

Global Multilayer Piezo Actuators production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Multilayer Piezo Actuators consumption by region & country, CAGR, 2018-2029

& (K Units)

U.S. VS China: Multilayer Piezo Actuators domestic production, consumption, key domestic manufacturers and share

Global Multilayer Piezo Actuators production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Multilayer Piezo Actuators production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Multilayer Piezo Actuators production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Multilayer Piezo Actuators market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include TDK, CTS, KEMET Electronics (Yageo), NIKKO, Murata Manufacturing, Physik Instrumente, APC International (Schneider Electric), Johnson Matthey and TAIYO YUDEN, etc.

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 Multilayer Piezo Actuators 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 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Multilayer Piezo Actuators Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Multilayer Piezo Actuators Market, Segmentation by Type

Discrete Stacks

Monolithic Stacks

Global Multilayer Piezo Actuators Market, Segmentation by Application

Automotive

Consumer Electronics

Medical

Military

Others

Companies Profiled:

TDK

CTS

KEMET Electronics (Yageo)

NIKKO

Murata Manufacturing

Physik Instrumente

APC International (Schneider Electric)

Johnson Matthey

TAIYO YUDEN

SUZHOU PANT PIEZOELECTRIC TECH

Piezosystem Jena

Piezo Direct

Kinetic Ceramics

DSM

Unictron Technologies

Key Questions Answered

1. How big is the global Multilayer Piezo Actuators market?
2. What is the demand of the global Multilayer Piezo Actuators market?
3. What is the year over year growth of the global Multilayer Piezo Actuators market?
4. What is the production and production value of the global Multilayer Piezo Actuators market?

5. Who are the key producers in the global Multilayer Piezo Actuators market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Multilayer Piezo Actuators Introduction
- 1.2 World Multilayer Piezo Actuators Supply & Forecast
 - 1.2.1 World Multilayer Piezo Actuators Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Multilayer Piezo Actuators Production (2018-2029)
 - 1.2.3 World Multilayer Piezo Actuators Pricing Trends (2018-2029)
- 1.3 World Multilayer Piezo Actuators Production by Region (Based on Production Site)
 - 1.3.1 World Multilayer Piezo Actuators Production Value by Region (2018-2029)
 - 1.3.2 World Multilayer Piezo Actuators Production by Region (2018-2029)
 - 1.3.3 World Multilayer Piezo Actuators Average Price by Region (2018-2029)
 - 1.3.4 North America Multilayer Piezo Actuators Production (2018-2029)
 - 1.3.5 Europe Multilayer Piezo Actuators Production (2018-2029)
 - 1.3.6 China Multilayer Piezo Actuators Production (2018-2029)
 - 1.3.7 Japan Multilayer Piezo Actuators Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Multilayer Piezo Actuators Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Multilayer Piezo Actuators 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 Multilayer Piezo Actuators Demand (2018-2029)
- 2.2 World Multilayer Piezo Actuators Consumption by Region
 - 2.2.1 World Multilayer Piezo Actuators Consumption by Region (2018-2023)
 - 2.2.2 World Multilayer Piezo Actuators Consumption Forecast by Region (2024-2029)
- 2.3 United States Multilayer Piezo Actuators Consumption (2018-2029)
- 2.4 China Multilayer Piezo Actuators Consumption (2018-2029)
- 2.5 Europe Multilayer Piezo Actuators Consumption (2018-2029)
- 2.6 Japan Multilayer Piezo Actuators Consumption (2018-2029)
- 2.7 South Korea Multilayer Piezo Actuators Consumption (2018-2029)
- 2.8 ASEAN Multilayer Piezo Actuators Consumption (2018-2029)
- 2.9 India Multilayer Piezo Actuators Consumption (2018-2029)

3 WORLD MULTILAYER PIEZO ACTUATORS MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Multilayer Piezo Actuators Production Value by Manufacturer (2018-2023)
- 3.2 World Multilayer Piezo Actuators Production by Manufacturer (2018-2023)
- 3.3 World Multilayer Piezo Actuators Average Price by Manufacturer (2018-2023)
- 3.4 Multilayer Piezo Actuators Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Multilayer Piezo Actuators Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Multilayer Piezo Actuators in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Multilayer Piezo Actuators in 2022
- 3.6 Multilayer Piezo Actuators Market: Overall Company Footprint Analysis
 - 3.6.1 Multilayer Piezo Actuators Market: Region Footprint
 - 3.6.2 Multilayer Piezo Actuators Market: Company Product Type Footprint
 - 3.6.3 Multilayer Piezo Actuators 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: Multilayer Piezo Actuators Production Value Comparison
 - 4.1.1 United States VS China: Multilayer Piezo Actuators Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Multilayer Piezo Actuators Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Multilayer Piezo Actuators Production Comparison
 - 4.2.1 United States VS China: Multilayer Piezo Actuators Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: Multilayer Piezo Actuators Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Multilayer Piezo Actuators Consumption Comparison
 - 4.3.1 United States VS China: Multilayer Piezo Actuators Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: Multilayer Piezo Actuators Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Multilayer Piezo Actuators Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Multilayer Piezo Actuators Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Multilayer Piezo Actuators Production Value (2018-2023)

4.4.3 United States Based Manufacturers Multilayer Piezo Actuators Production (2018-2023)

4.5 China Based Multilayer Piezo Actuators Manufacturers and Market Share

4.5.1 China Based Multilayer Piezo Actuators Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Multilayer Piezo Actuators Production Value (2018-2023)

4.5.3 China Based Manufacturers Multilayer Piezo Actuators Production (2018-2023)

4.6 Rest of World Based Multilayer Piezo Actuators Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Multilayer Piezo Actuators Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Multilayer Piezo Actuators Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Multilayer Piezo Actuators Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Multilayer Piezo Actuators Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Discrete Stacks

5.2.2 Monolithic Stacks

5.3 Market Segment by Type

5.3.1 World Multilayer Piezo Actuators Production by Type (2018-2029)

5.3.2 World Multilayer Piezo Actuators Production Value by Type (2018-2029)

5.3.3 World Multilayer Piezo Actuators Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Multilayer Piezo Actuators Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

- 6.2.1 Automotive
- 6.2.2 Consumer Electronics
- 6.2.3 Medical
- 6.2.4 Military
- 6.2.5 Others

6.3 Market Segment by Application

- 6.3.1 World Multilayer Piezo Actuators Production by Application (2018-2029)
- 6.3.2 World Multilayer Piezo Actuators Production Value by Application (2018-2029)
- 6.3.3 World Multilayer Piezo Actuators Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 TDK

- 7.1.1 TDK Details
- 7.1.2 TDK Major Business
- 7.1.3 TDK Multilayer Piezo Actuators Product and Services
- 7.1.4 TDK Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 TDK Recent Developments/Updates
- 7.1.6 TDK Competitive Strengths & Weaknesses

7.2 CTS

- 7.2.1 CTS Details
- 7.2.2 CTS Major Business
- 7.2.3 CTS Multilayer Piezo Actuators Product and Services
- 7.2.4 CTS Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.2.5 CTS Recent Developments/Updates
- 7.2.6 CTS Competitive Strengths & Weaknesses

7.3 KEMET Electronics (Yageo)

- 7.3.1 KEMET Electronics (Yageo) Details
- 7.3.2 KEMET Electronics (Yageo) Major Business
- 7.3.3 KEMET Electronics (Yageo) Multilayer Piezo Actuators Product and Services
- 7.3.4 KEMET Electronics (Yageo) Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 KEMET Electronics (Yageo) Recent Developments/Updates
- 7.3.6 KEMET Electronics (Yageo) Competitive Strengths & Weaknesses

7.4 NIKKO

- 7.4.1 NIKKO Details

- 7.4.2 NIKKO Major Business
- 7.4.3 NIKKO Multilayer Piezo Actuators Product and Services
- 7.4.4 NIKKO Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.4.5 NIKKO Recent Developments/Updates
- 7.4.6 NIKKO Competitive Strengths & Weaknesses
- 7.5 Murata Manufacturing
 - 7.5.1 Murata Manufacturing Details
 - 7.5.2 Murata Manufacturing Major Business
 - 7.5.3 Murata Manufacturing Multilayer Piezo Actuators Product and Services
 - 7.5.4 Murata Manufacturing Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Murata Manufacturing Recent Developments/Updates
 - 7.5.6 Murata Manufacturing Competitive Strengths & Weaknesses
- 7.6 Physik Instrumente
 - 7.6.1 Physik Instrumente Details
 - 7.6.2 Physik Instrumente Major Business
 - 7.6.3 Physik Instrumente Multilayer Piezo Actuators Product and Services
 - 7.6.4 Physik Instrumente Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Physik Instrumente Recent Developments/Updates
 - 7.6.6 Physik Instrumente Competitive Strengths & Weaknesses
- 7.7 APC International (Schneider Electric)
 - 7.7.1 APC International (Schneider Electric) Details
 - 7.7.2 APC International (Schneider Electric) Major Business
 - 7.7.3 APC International (Schneider Electric) Multilayer Piezo Actuators Product and Services
 - 7.7.4 APC International (Schneider Electric) Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 APC International (Schneider Electric) Recent Developments/Updates
 - 7.7.6 APC International (Schneider Electric) Competitive Strengths & Weaknesses
- 7.8 Johnson Matthey
 - 7.8.1 Johnson Matthey Details
 - 7.8.2 Johnson Matthey Major Business
 - 7.8.3 Johnson Matthey Multilayer Piezo Actuators Product and Services
 - 7.8.4 Johnson Matthey Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Johnson Matthey Recent Developments/Updates
 - 7.8.6 Johnson Matthey Competitive Strengths & Weaknesses

7.9 TAIYO YUDEN

7.9.1 TAIYO YUDEN Details

7.9.2 TAIYO YUDEN Major Business

7.9.3 TAIYO YUDEN Multilayer Piezo Actuators Product and Services

7.9.4 TAIYO YUDEN Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 TAIYO YUDEN Recent Developments/Updates

7.9.6 TAIYO YUDEN Competitive Strengths & Weaknesses

7.10 SUZHOU PANT PIEZOELECTRIC TECH

7.10.1 SUZHOU PANT PIEZOELECTRIC TECH Details

7.10.2 SUZHOU PANT PIEZOELECTRIC TECH Major Business

7.10.3 SUZHOU PANT PIEZOELECTRIC TECH Multilayer Piezo Actuators Product and Services

7.10.4 SUZHOU PANT PIEZOELECTRIC TECH Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 SUZHOU PANT PIEZOELECTRIC TECH Recent Developments/Updates

7.10.6 SUZHOU PANT PIEZOELECTRIC TECH Competitive Strengths & Weaknesses

7.11 Piezosystem Jena

7.11.1 Piezosystem Jena Details

7.11.2 Piezosystem Jena Major Business

7.11.3 Piezosystem Jena Multilayer Piezo Actuators Product and Services

7.11.4 Piezosystem Jena Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Piezosystem Jena Recent Developments/Updates

7.11.6 Piezosystem Jena Competitive Strengths & Weaknesses

7.12 Piezo Direct

7.12.1 Piezo Direct Details

7.12.2 Piezo Direct Major Business

7.12.3 Piezo Direct Multilayer Piezo Actuators Product and Services

7.12.4 Piezo Direct Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 Piezo Direct Recent Developments/Updates

7.12.6 Piezo Direct Competitive Strengths & Weaknesses

7.13 Kinetic Ceramics

7.13.1 Kinetic Ceramics Details

7.13.2 Kinetic Ceramics Major Business

7.13.3 Kinetic Ceramics Multilayer Piezo Actuators Product and Services

7.13.4 Kinetic Ceramics Multilayer Piezo Actuators Production, Price, Value, Gross

Margin and Market Share (2018-2023)

7.13.5 Kinetic Ceramics Recent Developments/Updates

7.13.6 Kinetic Ceramics Competitive Strengths & Weaknesses

7.14 DSM

7.14.1 DSM Details

7.14.2 DSM Major Business

7.14.3 DSM Multilayer Piezo Actuators Product and Services

7.14.4 DSM Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.14.5 DSM Recent Developments/Updates

7.14.6 DSM Competitive Strengths & Weaknesses

7.15 Unictron Technologies

7.15.1 Unictron Technologies Details

7.15.2 Unictron Technologies Major Business

7.15.3 Unictron Technologies Multilayer Piezo Actuators Product and Services

7.15.4 Unictron Technologies Multilayer Piezo Actuators Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.15.5 Unictron Technologies Recent Developments/Updates

7.15.6 Unictron Technologies Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Multilayer Piezo Actuators Industry Chain

8.2 Multilayer Piezo Actuators Upstream Analysis

8.2.1 Multilayer Piezo Actuators Core Raw Materials

8.2.2 Main Manufacturers of Multilayer Piezo Actuators Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Multilayer Piezo Actuators Production Mode

8.6 Multilayer Piezo Actuators Procurement Model

8.7 Multilayer Piezo Actuators Industry Sales Model and Sales Channels

8.7.1 Multilayer Piezo Actuators Sales Model

8.7.2 Multilayer Piezo Actuators Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Multilayer Piezo Actuators Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Multilayer Piezo Actuators Production Value by Region (2018-2023) & (USD Million)

Table 3. World Multilayer Piezo Actuators Production Value by Region (2024-2029) & (USD Million)

Table 4. World Multilayer Piezo Actuators Production Value Market Share by Region (2018-2023)

Table 5. World Multilayer Piezo Actuators Production Value Market Share by Region (2024-2029)

Table 6. World Multilayer Piezo Actuators Production by Region (2018-2023) & (K Units)

Table 7. World Multilayer Piezo Actuators Production by Region (2024-2029) & (K Units)

Table 8. World Multilayer Piezo Actuators Production Market Share by Region (2018-2023)

Table 9. World Multilayer Piezo Actuators Production Market Share by Region (2024-2029)

Table 10. World Multilayer Piezo Actuators Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Multilayer Piezo Actuators Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Multilayer Piezo Actuators Major Market Trends

Table 13. World Multilayer Piezo Actuators Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Multilayer Piezo Actuators Consumption by Region (2018-2023) & (K Units)

Table 15. World Multilayer Piezo Actuators Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Multilayer Piezo Actuators Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Multilayer Piezo Actuators Producers in 2022

Table 18. World Multilayer Piezo Actuators Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Multilayer Piezo Actuators Producers in 2022

Table 20. World Multilayer Piezo Actuators Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Multilayer Piezo Actuators Company Evaluation Quadrant

Table 22. World Multilayer Piezo Actuators Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Multilayer Piezo Actuators Production Site of Key Manufacturer

Table 24. Multilayer Piezo Actuators Market: Company Product Type Footprint

Table 25. Multilayer Piezo Actuators Market: Company Product Application Footprint

Table 26. Multilayer Piezo Actuators Competitive Factors

Table 27. Multilayer Piezo Actuators New Entrant and Capacity Expansion Plans

Table 28. Multilayer Piezo Actuators Mergers & Acquisitions Activity

Table 29. United States VS China Multilayer Piezo Actuators Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Multilayer Piezo Actuators Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Multilayer Piezo Actuators Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Multilayer Piezo Actuators Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Multilayer Piezo Actuators Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Multilayer Piezo Actuators Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Multilayer Piezo Actuators Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Multilayer Piezo Actuators Production Market Share (2018-2023)

Table 37. China Based Multilayer Piezo Actuators Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Multilayer Piezo Actuators Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Multilayer Piezo Actuators Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Multilayer Piezo Actuators Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Multilayer Piezo Actuators Production Market Share (2018-2023)

Table 42. Rest of World Based Multilayer Piezo Actuators Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Multilayer Piezo Actuators Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Multilayer Piezo Actuators Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Multilayer Piezo Actuators Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Multilayer Piezo Actuators Production Market Share (2018-2023)

Table 47. World Multilayer Piezo Actuators Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Multilayer Piezo Actuators Production by Type (2018-2023) & (K Units)

Table 49. World Multilayer Piezo Actuators Production by Type (2024-2029) & (K Units)

Table 50. World Multilayer Piezo Actuators Production Value by Type (2018-2023) & (USD Million)

Table 51. World Multilayer Piezo Actuators Production Value by Type (2024-2029) & (USD Million)

Table 52. World Multilayer Piezo Actuators Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Multilayer Piezo Actuators Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Multilayer Piezo Actuators Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Multilayer Piezo Actuators Production by Application (2018-2023) & (K Units)

Table 56. World Multilayer Piezo Actuators Production by Application (2024-2029) & (K Units)

Table 57. World Multilayer Piezo Actuators Production Value by Application (2018-2023) & (USD Million)

Table 58. World Multilayer Piezo Actuators Production Value by Application (2024-2029) & (USD Million)

Table 59. World Multilayer Piezo Actuators Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Multilayer Piezo Actuators Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. TDK Basic Information, Manufacturing Base and Competitors

Table 62. TDK Major Business

Table 63. TDK Multilayer Piezo Actuators Product and Services

Table 64. TDK Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. TDK Recent Developments/Updates

Table 66. TDK Competitive Strengths & Weaknesses

Table 67. CTS Basic Information, Manufacturing Base and Competitors

Table 68. CTS Major Business

Table 69. CTS Multilayer Piezo Actuators Product and Services

Table 70. CTS Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. CTS Recent Developments/Updates

Table 72. CTS Competitive Strengths & Weaknesses

Table 73. KEMET Electronics (Yageo) Basic Information, Manufacturing Base and Competitors

Table 74. KEMET Electronics (Yageo) Major Business

Table 75. KEMET Electronics (Yageo) Multilayer Piezo Actuators Product and Services

Table 76. KEMET Electronics (Yageo) Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. KEMET Electronics (Yageo) Recent Developments/Updates

Table 78. KEMET Electronics (Yageo) Competitive Strengths & Weaknesses

Table 79. NIKKO Basic Information, Manufacturing Base and Competitors

Table 80. NIKKO Major Business

Table 81. NIKKO Multilayer Piezo Actuators Product and Services

Table 82. NIKKO Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. NIKKO Recent Developments/Updates

Table 84. NIKKO Competitive Strengths & Weaknesses

Table 85. Murata Manufacturing Basic Information, Manufacturing Base and Competitors

Table 86. Murata Manufacturing Major Business

Table 87. Murata Manufacturing Multilayer Piezo Actuators Product and Services

Table 88. Murata Manufacturing Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Murata Manufacturing Recent Developments/Updates

Table 90. Murata Manufacturing Competitive Strengths & Weaknesses

Table 91. Physik Instrumente Basic Information, Manufacturing Base and Competitors

Table 92. Physik Instrumente Major Business

Table 93. Physik Instrumente Multilayer Piezo Actuators Product and Services

Table 94. Physik Instrumente Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Physik Instrumente Recent Developments/Updates

Table 96. Physik Instrumente Competitive Strengths & Weaknesses

Table 97. APC International (Schneider Electric) Basic Information, Manufacturing Base and Competitors

Table 98. APC International (Schneider Electric) Major Business

Table 99. APC International (Schneider Electric) Multilayer Piezo Actuators Product and Services

Table 100. APC International (Schneider Electric) Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. APC International (Schneider Electric) Recent Developments/Updates

Table 102. APC International (Schneider Electric) Competitive Strengths & Weaknesses

Table 103. Johnson Matthey Basic Information, Manufacturing Base and Competitors

Table 104. Johnson Matthey Major Business

Table 105. Johnson Matthey Multilayer Piezo Actuators Product and Services

Table 106. Johnson Matthey Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Johnson Matthey Recent Developments/Updates

Table 108. Johnson Matthey Competitive Strengths & Weaknesses

Table 109. TAIYO YUDEN Basic Information, Manufacturing Base and Competitors

Table 110. TAIYO YUDEN Major Business

Table 111. TAIYO YUDEN Multilayer Piezo Actuators Product and Services

Table 112. TAIYO YUDEN Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. TAIYO YUDEN Recent Developments/Updates

Table 114. TAIYO YUDEN Competitive Strengths & Weaknesses

Table 115. SUZHOU PANT PIEZOELECTRIC TECH Basic Information, Manufacturing Base and Competitors

Table 116. SUZHOU PANT PIEZOELECTRIC TECH Major Business

Table 117. SUZHOU PANT PIEZOELECTRIC TECH Multilayer Piezo Actuators Product and Services

Table 118. SUZHOU PANT PIEZOELECTRIC TECH Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. SUZHOU PANT PIEZOELECTRIC TECH Recent Developments/Updates

Table 120. SUZHOU PANT PIEZOELECTRIC TECH Competitive Strengths & Weaknesses

Table 121. Piezosystem Jena Basic Information, Manufacturing Base and Competitors

Table 122. Piezosystem Jena Major Business

Table 123. Piezosystem Jena Multilayer Piezo Actuators Product and Services

Table 124. Piezosystem Jena Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Piezosystem Jena Recent Developments/Updates

Table 126. Piezosystem Jena Competitive Strengths & Weaknesses

Table 127. Piezo Direct Basic Information, Manufacturing Base and Competitors

Table 128. Piezo Direct Major Business

Table 129. Piezo Direct Multilayer Piezo Actuators Product and Services

Table 130. Piezo Direct Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Piezo Direct Recent Developments/Updates

Table 132. Piezo Direct Competitive Strengths & Weaknesses

Table 133. Kinetic Ceramics Basic Information, Manufacturing Base and Competitors

Table 134. Kinetic Ceramics Major Business

Table 135. Kinetic Ceramics Multilayer Piezo Actuators Product and Services

Table 136. Kinetic Ceramics Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Kinetic Ceramics Recent Developments/Updates

Table 138. Kinetic Ceramics Competitive Strengths & Weaknesses

Table 139. DSM Basic Information, Manufacturing Base and Competitors

Table 140. DSM Major Business

Table 141. DSM Multilayer Piezo Actuators Product and Services

Table 142. DSM Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. DSM Recent Developments/Updates

Table 144. Unictron Technologies Basic Information, Manufacturing Base and Competitors

Table 145. Unictron Technologies Major Business

Table 146. Unictron Technologies Multilayer Piezo Actuators Product and Services

Table 147. Unictron Technologies Multilayer Piezo Actuators Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 148. Global Key Players of Multilayer Piezo Actuators Upstream (Raw Materials)

Table 149. Multilayer Piezo Actuators Typical Customers

Table 150. Multilayer Piezo Actuators Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Multilayer Piezo Actuators Picture

Figure 2. World Multilayer Piezo Actuators Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Multilayer Piezo Actuators Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Multilayer Piezo Actuators Production (2018-2029) & (K Units)

Figure 5. World Multilayer Piezo Actuators Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Multilayer Piezo Actuators Production Value Market Share by Region (2018-2029)

Figure 7. World Multilayer Piezo Actuators Production Market Share by Region (2018-2029)

Figure 8. North America Multilayer Piezo Actuators Production (2018-2029) & (K Units)

Figure 9. Europe Multilayer Piezo Actuators Production (2018-2029) & (K Units)

Figure 10. China Multilayer Piezo Actuators Production (2018-2029) & (K Units)

Figure 11. Japan Multilayer Piezo Actuators Production (2018-2029) & (K Units)

Figure 12. Multilayer Piezo Actuators Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Multilayer Piezo Actuators Consumption (2018-2029) & (K Units)

Figure 15. World Multilayer Piezo Actuators Consumption Market Share by Region (2018-2029)

Figure 16. United States Multilayer Piezo Actuators Consumption (2018-2029) & (K Units)

Figure 17. China Multilayer Piezo Actuators Consumption (2018-2029) & (K Units)

Figure 18. Europe Multilayer Piezo Actuators Consumption (2018-2029) & (K Units)

Figure 19. Japan Multilayer Piezo Actuators Consumption (2018-2029) & (K Units)

Figure 20. South Korea Multilayer Piezo Actuators Consumption (2018-2029) & (K Units)

Figure 21. ASEAN Multilayer Piezo Actuators Consumption (2018-2029) & (K Units)

Figure 22. India Multilayer Piezo Actuators Consumption (2018-2029) & (K Units)

Figure 23. Producer Shipments of Multilayer Piezo Actuators by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Multilayer Piezo Actuators Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Multilayer Piezo Actuators Markets in 2022

Figure 26. United States VS China: Multilayer Piezo Actuators Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Multilayer Piezo Actuators Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Multilayer Piezo Actuators Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Multilayer Piezo Actuators Production Market Share 2022

Figure 30. China Based Manufacturers Multilayer Piezo Actuators Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Multilayer Piezo Actuators Production Market Share 2022

Figure 32. World Multilayer Piezo Actuators Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Multilayer Piezo Actuators Production Value Market Share by Type in 2022

Figure 34. Discrete Stacks

Figure 35. Monolithic Stacks

Figure 36. World Multilayer Piezo Actuators Production Market Share by Type (2018-2029)

Figure 37. World Multilayer Piezo Actuators Production Value Market Share by Type (2018-2029)

Figure 38. World Multilayer Piezo Actuators Average Price by Type (2018-2029) & (US\$/Unit)

Figure 39. World Multilayer Piezo Actuators Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Multilayer Piezo Actuators Production Value Market Share by Application in 2022

Figure 41. Automotive

Figure 42. Consumer Electronics

Figure 43. Medical

Figure 44. Military

Figure 45. Others

Figure 46. World Multilayer Piezo Actuators Production Market Share by Application (2018-2029)

Figure 47. World Multilayer Piezo Actuators Production Value Market Share by Application (2018-2029)

Figure 48. World Multilayer Piezo Actuators Average Price by Application (2018-2029) & (US\$/Unit)

Figure 49. Multilayer Piezo Actuators Industry Chain

Figure 50. Multilayer Piezo Actuators Procurement Model

Figure 51. Multilayer Piezo Actuators Sales Model

Figure 52. Multilayer Piezo Actuators Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

I would like to order

Product name: Global Multilayer Piezo Actuators Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G7FF464DCBE7EN.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/G7FF464DCBE7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970