

# Global PMN-based Piezoceramic Components Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/GB21813CFA94EN.html>

Date: September 2023

Pages: 113

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

ID: GB21813CFA94EN

## Abstracts

According to our (Global Info Research) latest study, the global PMN-based Piezoceramic Components market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

The Global Info Research report includes an overview of the development of the PMN-based Piezoceramic Components industry chain, the market status of Industrial and Manufacturing (Unit Structure, Stacked Structure), Automotive (Unit Structure, Stacked Structure), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of PMN-based Piezoceramic Components.

Regionally, the report analyzes the PMN-based Piezoceramic Components markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global PMN-based Piezoceramic Components market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the PMN-based Piezoceramic Components market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the PMN-based Piezoceramic Components industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Unit Structure, Stacked Structure).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the PMN-based Piezoceramic Components market.

**Regional Analysis:** The report involves examining the PMN-based Piezoceramic Components market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the PMN-based Piezoceramic Components market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to PMN-based Piezoceramic Components:

**Company Analysis:** Report covers individual PMN-based Piezoceramic Components manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards PMN-based Piezoceramic Components This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Industrial and Manufacturing, Automotive).

**Technology Analysis:** Report covers specific technologies relevant to PMN-based Piezoceramic Components. It assesses the current state, advancements, and potential future developments in PMN-based Piezoceramic Components areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the PMN-based Piezoceramic Components market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

### Market Segmentation

PMN-based Piezoceramic Components market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Unit Structure

Stacked Structure

### Market segment by Application

Industrial and Manufacturing

Automotive

Consumer Electronics

Medical

Military

Others

### Major players covered

Kyocera

CeramTec

Johnson Matthey

CTS Corporation

PI Ceramic GmbH

Fuji Ceramics Corporation

Piezo Technologies

TRS Technologies, inc

Meggitt Sensing

MSI Transducers Corp.

Piezo Kinetics

APC International

Sparkler Ceramics

Weifang Jude Electronic Co.,Ltd

Boston Piezo-Optics Inc.

Changzhou Keliking Electronics

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe PMN-based Piezoceramic Components product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of PMN-based Piezoceramic Components, with price, sales, revenue and global market share of PMN-based Piezoceramic Components from 2018 to 2023.

Chapter 3, the PMN-based Piezoceramic Components competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the PMN-based Piezoceramic Components breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and PMN-based Piezoceramic Components market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of PMN-based Piezoceramic Components.

Chapter 14 and 15, to describe PMN-based Piezoceramic Components sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of PMN-based Piezoceramic Components
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global PMN-based Piezoceramic Components Consumption Value by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 Unit Structure
  - 1.3.3 Stacked Structure
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global PMN-based Piezoceramic Components Consumption Value by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 Industrial and Manufacturing
  - 1.4.3 Automotive
  - 1.4.4 Consumer Electronics
  - 1.4.5 Medical
  - 1.4.6 Military
  - 1.4.7 Others
- 1.5 Global PMN-based Piezoceramic Components Market Size & Forecast
  - 1.5.1 Global PMN-based Piezoceramic Components Consumption Value (2018 & 2022 & 2029)
  - 1.5.2 Global PMN-based Piezoceramic Components Sales Quantity (2018-2029)
  - 1.5.3 Global PMN-based Piezoceramic Components Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

- 2.1 Kyocera
  - 2.1.1 Kyocera Details
  - 2.1.2 Kyocera Major Business
  - 2.1.3 Kyocera PMN-based Piezoceramic Components Product and Services
  - 2.1.4 Kyocera PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 Kyocera Recent Developments/Updates
- 2.2 CeramTec
  - 2.2.1 CeramTec Details
  - 2.2.2 CeramTec Major Business
  - 2.2.3 CeramTec PMN-based Piezoceramic Components Product and Services

2.2.4 CeramTec PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 CeramTec Recent Developments/Updates

2.3 Johnson Matthey

2.3.1 Johnson Matthey Details

2.3.2 Johnson Matthey Major Business

2.3.3 Johnson Matthey PMN-based Piezoceramic Components Product and Services

2.3.4 Johnson Matthey PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Johnson Matthey Recent Developments/Updates

2.4 CTS Corporation

2.4.1 CTS Corporation Details

2.4.2 CTS Corporation Major Business

2.4.3 CTS Corporation PMN-based Piezoceramic Components Product and Services

2.4.4 CTS Corporation PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 CTS Corporation Recent Developments/Updates

2.5 PI Ceramic GmbH

2.5.1 PI Ceramic GmbH Details

2.5.2 PI Ceramic GmbH Major Business

2.5.3 PI Ceramic GmbH PMN-based Piezoceramic Components Product and Services

2.5.4 PI Ceramic GmbH PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 PI Ceramic GmbH Recent Developments/Updates

2.6 Fuji Ceramics Corporation

2.6.1 Fuji Ceramics Corporation Details

2.6.2 Fuji Ceramics Corporation Major Business

2.6.3 Fuji Ceramics Corporation PMN-based Piezoceramic Components Product and Services

2.6.4 Fuji Ceramics Corporation PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Fuji Ceramics Corporation Recent Developments/Updates

2.7 Piezo Technologies

2.7.1 Piezo Technologies Details

2.7.2 Piezo Technologies Major Business

2.7.3 Piezo Technologies PMN-based Piezoceramic Components Product and Services

2.7.4 Piezo Technologies PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)



- 2.7.5 Piezo Technologies Recent Developments/Updates
- 2.8 TRS Technologies, inc
  - 2.8.1 TRS Technologies, inc Details
  - 2.8.2 TRS Technologies, inc Major Business
  - 2.8.3 TRS Technologies, inc PMN-based Piezoceramic Components Product and Services
  - 2.8.4 TRS Technologies, inc PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.8.5 TRS Technologies, inc Recent Developments/Updates
- 2.9 Meggitt Sensing
  - 2.9.1 Meggitt Sensing Details
  - 2.9.2 Meggitt Sensing Major Business
  - 2.9.3 Meggitt Sensing PMN-based Piezoceramic Components Product and Services
  - 2.9.4 Meggitt Sensing PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.9.5 Meggitt Sensing Recent Developments/Updates
- 2.10 MSI Tranducers Corp.
  - 2.10.1 MSI Tranducers Corp. Details
  - 2.10.2 MSI Tranducers Corp. Major Business
  - 2.10.3 MSI Tranducers Corp. PMN-based Piezoceramic Components Product and Services
  - 2.10.4 MSI Tranducers Corp. PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.10.5 MSI Tranducers Corp. Recent Developments/Updates
- 2.11 Piezo Kinetics
  - 2.11.1 Piezo Kinetics Details
  - 2.11.2 Piezo Kinetics Major Business
  - 2.11.3 Piezo Kinetics PMN-based Piezoceramic Components Product and Services
  - 2.11.4 Piezo Kinetics PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.11.5 Piezo Kinetics Recent Developments/Updates
- 2.12 APC International
  - 2.12.1 APC International Details
  - 2.12.2 APC International Major Business
  - 2.12.3 APC International PMN-based Piezoceramic Components Product and Services
  - 2.12.4 APC International PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.12.5 APC International Recent Developments/Updates

## 2.13 Sparkler Ceramics

2.13.1 Sparkler Ceramics Details

2.13.2 Sparkler Ceramics Major Business

2.13.3 Sparkler Ceramics PMN-based Piezoceramic Components Product and Services

2.13.4 Sparkler Ceramics PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Sparkler Ceramics Recent Developments/Updates

## 2.14 Weifang Jude Electronic Co.,Ltd

2.14.1 Weifang Jude Electronic Co.,Ltd Details

2.14.2 Weifang Jude Electronic Co.,Ltd Major Business

2.14.3 Weifang Jude Electronic Co.,Ltd PMN-based Piezoceramic Components Product and Services

2.14.4 Weifang Jude Electronic Co.,Ltd PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Weifang Jude Electronic Co.,Ltd Recent Developments/Updates

## 2.15 Boston Piezo-Optics Inc.

2.15.1 Boston Piezo-Optics Inc. Details

2.15.2 Boston Piezo-Optics Inc. Major Business

2.15.3 Boston Piezo-Optics Inc. PMN-based Piezoceramic Components Product and Services

2.15.4 Boston Piezo-Optics Inc. PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.15.5 Boston Piezo-Optics Inc. Recent Developments/Updates

## 2.16 Changzhou Keliking Electronics

2.16.1 Changzhou Keliking Electronics Details

2.16.2 Changzhou Keliking Electronics Major Business

2.16.3 Changzhou Keliking Electronics PMN-based Piezoceramic Components Product and Services

2.16.4 Changzhou Keliking Electronics PMN-based Piezoceramic Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.16.5 Changzhou Keliking Electronics Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: PMN-BASED PIEZOCERAMIC COMPONENTS BY MANUFACTURER**

3.1 Global PMN-based Piezoceramic Components Sales Quantity by Manufacturer (2018-2023)

3.2 Global PMN-based Piezoceramic Components Revenue by Manufacturer

(2018-2023)

3.3 Global PMN-based Piezoceramic Components Average Price by Manufacturer

(2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of PMN-based Piezoceramic Components by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 PMN-based Piezoceramic Components Manufacturer Market Share in 2022

3.4.2 Top 6 PMN-based Piezoceramic Components Manufacturer Market Share in 2022

3.5 PMN-based Piezoceramic Components Market: Overall Company Footprint Analysis

3.5.1 PMN-based Piezoceramic Components Market: Region Footprint

3.5.2 PMN-based Piezoceramic Components Market: Company Product Type Footprint

3.5.3 PMN-based Piezoceramic Components Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global PMN-based Piezoceramic Components Market Size by Region

4.1.1 Global PMN-based Piezoceramic Components Sales Quantity by Region (2018-2029)

4.1.2 Global PMN-based Piezoceramic Components Consumption Value by Region (2018-2029)

4.1.3 Global PMN-based Piezoceramic Components Average Price by Region (2018-2029)

4.2 North America PMN-based Piezoceramic Components Consumption Value (2018-2029)

4.3 Europe PMN-based Piezoceramic Components Consumption Value (2018-2029)

4.4 Asia-Pacific PMN-based Piezoceramic Components Consumption Value (2018-2029)

4.5 South America PMN-based Piezoceramic Components Consumption Value (2018-2029)

4.6 Middle East and Africa PMN-based Piezoceramic Components Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global PMN-based Piezoceramic Components Sales Quantity by Type (2018-2029)

5.2 Global PMN-based Piezoceramic Components Consumption Value by Type (2018-2029)

5.3 Global PMN-based Piezoceramic Components Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global PMN-based Piezoceramic Components Sales Quantity by Application (2018-2029)

6.2 Global PMN-based Piezoceramic Components Consumption Value by Application (2018-2029)

6.3 Global PMN-based Piezoceramic Components Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

7.1 North America PMN-based Piezoceramic Components Sales Quantity by Type (2018-2029)

7.2 North America PMN-based Piezoceramic Components Sales Quantity by Application (2018-2029)

7.3 North America PMN-based Piezoceramic Components Market Size by Country

7.3.1 North America PMN-based Piezoceramic Components Sales Quantity by Country (2018-2029)

7.3.2 North America PMN-based Piezoceramic Components Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

8.1 Europe PMN-based Piezoceramic Components Sales Quantity by Type (2018-2029)

8.2 Europe PMN-based Piezoceramic Components Sales Quantity by Application (2018-2029)

8.3 Europe PMN-based Piezoceramic Components Market Size by Country

8.3.1 Europe PMN-based Piezoceramic Components Sales Quantity by Country

(2018-2029)

8.3.2 Europe PMN-based Piezoceramic Components Consumption Value by Country

(2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific PMN-based Piezoceramic Components Sales Quantity by Type  
(2018-2029)

9.2 Asia-Pacific PMN-based Piezoceramic Components Sales Quantity by Application  
(2018-2029)

9.3 Asia-Pacific PMN-based Piezoceramic Components Market Size by Region

9.3.1 Asia-Pacific PMN-based Piezoceramic Components Sales Quantity by Region  
(2018-2029)

9.3.2 Asia-Pacific PMN-based Piezoceramic Components Consumption Value by  
Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

10.1 South America PMN-based Piezoceramic Components Sales Quantity by Type  
(2018-2029)

10.2 South America PMN-based Piezoceramic Components Sales Quantity by  
Application (2018-2029)

10.3 South America PMN-based Piezoceramic Components Market Size by Country

10.3.1 South America PMN-based Piezoceramic Components Sales Quantity by  
Country (2018-2029)

10.3.2 South America PMN-based Piezoceramic Components Consumption Value by  
Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

#### 10.3.4 Argentina Market Size and Forecast (2018-2029)

### **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa PMN-based Piezoceramic Components Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa PMN-based Piezoceramic Components Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa PMN-based Piezoceramic Components Market Size by Country

11.3.1 Middle East & Africa PMN-based Piezoceramic Components Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa PMN-based Piezoceramic Components Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

### **12 MARKET DYNAMICS**

12.1 PMN-based Piezoceramic Components Market Drivers

12.2 PMN-based Piezoceramic Components Market Restraints

12.3 PMN-based Piezoceramic Components Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

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

13.1 Raw Material of PMN-based Piezoceramic Components and Key Manufacturers

13.2 Manufacturing Costs Percentage of PMN-based Piezoceramic Components

13.3 PMN-based Piezoceramic Components Production Process

13.4 PMN-based Piezoceramic Components Industrial Chain

### **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

## 14.1 Sales Channel

### 14.1.1 Direct to End-User

### 14.1.2 Distributors

## 14.2 PMN-based Piezoceramic Components Typical Distributors

## 14.3 PMN-based Piezoceramic Components Typical Customers

# 15 RESEARCH FINDINGS AND CONCLUSION

# 16 APPENDIX

## 16.1 Methodology

## 16.2 Research Process and Data Source

## 16.3 Disclaimer



## List Of Tables

### LIST OF TABLES

Table 1. Global PMN-based Piezoceramic Components Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global PMN-based Piezoceramic Components Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Kyocera Basic Information, Manufacturing Base and Competitors

Table 4. Kyocera Major Business

Table 5. Kyocera PMN-based Piezoceramic Components Product and Services

Table 6. Kyocera PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Kyocera Recent Developments/Updates

Table 8. CeramTec Basic Information, Manufacturing Base and Competitors

Table 9. CeramTec Major Business

Table 10. CeramTec PMN-based Piezoceramic Components Product and Services

Table 11. CeramTec PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. CeramTec Recent Developments/Updates

Table 13. Johnson Matthey Basic Information, Manufacturing Base and Competitors

Table 14. Johnson Matthey Major Business

Table 15. Johnson Matthey PMN-based Piezoceramic Components Product and Services

Table 16. Johnson Matthey PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Johnson Matthey Recent Developments/Updates

Table 18. CTS Corporation Basic Information, Manufacturing Base and Competitors

Table 19. CTS Corporation Major Business

Table 20. CTS Corporation PMN-based Piezoceramic Components Product and Services

Table 21. CTS Corporation PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. CTS Corporation Recent Developments/Updates

Table 23. PI Ceramic GmbH Basic Information, Manufacturing Base and Competitors



Table 24. PI Ceramic GmbH Major Business

Table 25. PI Ceramic GmbH PMN-based Piezoceramic Components Product and Services

Table 26. PI Ceramic GmbH PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. PI Ceramic GmbH Recent Developments/Updates

Table 28. Fuji Ceramics Corporation Basic Information, Manufacturing Base and Competitors

Table 29. Fuji Ceramics Corporation Major Business

Table 30. Fuji Ceramics Corporation PMN-based Piezoceramic Components Product and Services

Table 31. Fuji Ceramics Corporation PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Fuji Ceramics Corporation Recent Developments/Updates

Table 33. Piezo Technologies Basic Information, Manufacturing Base and Competitors

Table 34. Piezo Technologies Major Business

Table 35. Piezo Technologies PMN-based Piezoceramic Components Product and Services

Table 36. Piezo Technologies PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Piezo Technologies Recent Developments/Updates

Table 38. TRS Technologies, inc Basic Information, Manufacturing Base and Competitors

Table 39. TRS Technologies, inc Major Business

Table 40. TRS Technologies, inc PMN-based Piezoceramic Components Product and Services

Table 41. TRS Technologies, inc PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. TRS Technologies, inc Recent Developments/Updates

Table 43. Meggitt Sensing Basic Information, Manufacturing Base and Competitors

Table 44. Meggitt Sensing Major Business

Table 45. Meggitt Sensing PMN-based Piezoceramic Components Product and Services

Table 46. Meggitt Sensing PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market

Share (2018-2023)

Table 47. Meggitt Sensing Recent Developments/Updates

Table 48. MSI Tranducers Corp. Basic Information, Manufacturing Base and Competitors

Table 49. MSI Tranducers Corp. Major Business

Table 50. MSI Tranducers Corp. PMN-based Piezoceramic Components Product and Services

Table 51. MSI Tranducers Corp. PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. MSI Tranducers Corp. Recent Developments/Updates

Table 53. Piezo Kinetics Basic Information, Manufacturing Base and Competitors

Table 54. Piezo Kinetics Major Business

Table 55. Piezo Kinetics PMN-based Piezoceramic Components Product and Services

Table 56. Piezo Kinetics PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Piezo Kinetics Recent Developments/Updates

Table 58. APC International Basic Information, Manufacturing Base and Competitors

Table 59. APC International Major Business

Table 60. APC International PMN-based Piezoceramic Components Product and Services

Table 61. APC International PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. APC International Recent Developments/Updates

Table 63. Sparkler Ceramics Basic Information, Manufacturing Base and Competitors

Table 64. Sparkler Ceramics Major Business

Table 65. Sparkler Ceramics PMN-based Piezoceramic Components Product and Services

Table 66. Sparkler Ceramics PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Sparkler Ceramics Recent Developments/Updates

Table 68. Weifang Jude Electronic Co.,Ltd Basic Information, Manufacturing Base and Competitors

Table 69. Weifang Jude Electronic Co.,Ltd Major Business

Table 70. Weifang Jude Electronic Co.,Ltd PMN-based Piezoceramic Components Product and Services

Table 71. Weifang Jude Electronic Co.,Ltd PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Weifang Jude Electronic Co.,Ltd Recent Developments/Updates

Table 73. Boston Piezo-Optics Inc. Basic Information, Manufacturing Base and Competitors

Table 74. Boston Piezo-Optics Inc. Major Business

Table 75. Boston Piezo-Optics Inc. PMN-based Piezoceramic Components Product and Services

Table 76. Boston Piezo-Optics Inc. PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Boston Piezo-Optics Inc. Recent Developments/Updates

Table 78. Changzhou Keliking Electronics Basic Information, Manufacturing Base and Competitors

Table 79. Changzhou Keliking Electronics Major Business

Table 80. Changzhou Keliking Electronics PMN-based Piezoceramic Components Product and Services

Table 81. Changzhou Keliking Electronics PMN-based Piezoceramic Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 82. Changzhou Keliking Electronics Recent Developments/Updates

Table 83. Global PMN-based Piezoceramic Components Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 84. Global PMN-based Piezoceramic Components Revenue by Manufacturer (2018-2023) & (USD Million)

Table 85. Global PMN-based Piezoceramic Components Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 86. Market Position of Manufacturers in PMN-based Piezoceramic Components, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 87. Head Office and PMN-based Piezoceramic Components Production Site of Key Manufacturer

Table 88. PMN-based Piezoceramic Components Market: Company Product Type Footprint

Table 89. PMN-based Piezoceramic Components Market: Company Product Application Footprint

Table 90. PMN-based Piezoceramic Components New Market Entrants and Barriers to Market Entry

Table 91. PMN-based Piezoceramic Components Mergers, Acquisition, Agreements,

and Collaborations

Table 92. Global PMN-based Piezoceramic Components Sales Quantity by Region (2018-2023) & (K Units)

Table 93. Global PMN-based Piezoceramic Components Sales Quantity by Region (2024-2029) & (K Units)

Table 94. Global PMN-based Piezoceramic Components Consumption Value by Region (2018-2023) & (USD Million)

Table 95. Global PMN-based Piezoceramic Components Consumption Value by Region (2024-2029) & (USD Million)

Table 96. Global PMN-based Piezoceramic Components Average Price by Region (2018-2023) & (US\$/Unit)

Table 97. Global PMN-based Piezoceramic Components Average Price by Region (2024-2029) & (US\$/Unit)

Table 98. Global PMN-based Piezoceramic Components Sales Quantity by Type (2018-2023) & (K Units)

Table 99. Global PMN-based Piezoceramic Components Sales Quantity by Type (2024-2029) & (K Units)

Table 100. Global PMN-based Piezoceramic Components Consumption Value by Type (2018-2023) & (USD Million)

Table 101. Global PMN-based Piezoceramic Components Consumption Value by Type (2024-2029) & (USD Million)

Table 102. Global PMN-based Piezoceramic Components Average Price by Type (2018-2023) & (US\$/Unit)

Table 103. Global PMN-based Piezoceramic Components Average Price by Type (2024-2029) & (US\$/Unit)

Table 104. Global PMN-based Piezoceramic Components Sales Quantity by Application (2018-2023) & (K Units)

Table 105. Global PMN-based Piezoceramic Components Sales Quantity by Application (2024-2029) & (K Units)

Table 106. Global PMN-based Piezoceramic Components Consumption Value by Application (2018-2023) & (USD Million)

Table 107. Global PMN-based Piezoceramic Components Consumption Value by Application (2024-2029) & (USD Million)

Table 108. Global PMN-based Piezoceramic Components Average Price by Application (2018-2023) & (US\$/Unit)

Table 109. Global PMN-based Piezoceramic Components Average Price by Application (2024-2029) & (US\$/Unit)

Table 110. North America PMN-based Piezoceramic Components Sales Quantity by Type (2018-2023) & (K Units)

Table 111. North America PMN-based Piezoceramic Components Sales Quantity by Type (2024-2029) & (K Units)

Table 112. North America PMN-based Piezoceramic Components Sales Quantity by Application (2018-2023) & (K Units)

Table 113. North America PMN-based Piezoceramic Components Sales Quantity by Application (2024-2029) & (K Units)

Table 114. North America PMN-based Piezoceramic Components Sales Quantity by Country (2018-2023) & (K Units)

Table 115. North America PMN-based Piezoceramic Components Sales Quantity by Country (2024-2029) & (K Units)

Table 116. North America PMN-based Piezoceramic Components Consumption Value by Country (2018-2023) & (USD Million)

Table 117. North America PMN-based Piezoceramic Components Consumption Value by Country (2024-2029) & (USD Million)

Table 118. Europe PMN-based Piezoceramic Components Sales Quantity by Type (2018-2023) & (K Units)

Table 119. Europe PMN-based Piezoceramic Components Sales Quantity by Type (2024-2029) & (K Units)

Table 120. Europe PMN-based Piezoceramic Components Sales Quantity by Application (2018-2023) & (K Units)

Table 121. Europe PMN-based Piezoceramic Components Sales Quantity by Application (2024-2029) & (K Units)

Table 122. Europe PMN-based Piezoceramic Components Sales Quantity by Country (2018-2023) & (K Units)

Table 123. Europe PMN-based Piezoceramic Components Sales Quantity by Country (2024-2029) & (K Units)

Table 124. Europe PMN-based Piezoceramic Components Consumption Value by Country (2018-2023) & (USD Million)

Table 125. Europe PMN-based Piezoceramic Components Consumption Value by Country (2024-2029) & (USD Million)

Table 126. Asia-Pacific PMN-based Piezoceramic Components Sales Quantity by Type (2018-2023) & (K Units)

Table 127. Asia-Pacific PMN-based Piezoceramic Components Sales Quantity by Type (2024-2029) & (K Units)

Table 128. Asia-Pacific PMN-based Piezoceramic Components Sales Quantity by Application (2018-2023) & (K Units)

Table 129. Asia-Pacific PMN-based Piezoceramic Components Sales Quantity by Application (2024-2029) & (K Units)

Table 130. Asia-Pacific PMN-based Piezoceramic Components Sales Quantity by



Region (2018-2023) & (K Units)

Table 131. Asia-Pacific PMN-based Piezoceramic Components Sales Quantity by Region (2024-2029) & (K Units)

Table 132. Asia-Pacific PMN-based Piezoceramic Components Consumption Value by Region (2018-2023) & (USD Million)

Table 133. Asia-Pacific PMN-based Piezoceramic Components Consumption Value by Region (2024-2029) & (USD Million)

Table 134. South America PMN-based Piezoceramic Components Sales Quantity by Type (2018-2023) & (K Units)

Table 135. South America PMN-based Piezoceramic Components Sales Quantity by Type (2024-2029) & (K Units)

Table 136. South America PMN-based Piezoceramic Components Sales Quantity by Application (2018-2023) & (K Units)

Table 137. South America PMN-based Piezoceramic Components Sales Quantity by Application (2024-2029) & (K Units)

Table 138. South America PMN-based Piezoceramic Components Sales Quantity by Country (2018-2023) & (K Units)

Table 139. South America PMN-based Piezoceramic Components Sales Quantity by Country (2024-2029) & (K Units)

Table 140. South America PMN-based Piezoceramic Components Consumption Value by Country (2018-2023) & (USD Million)

Table 141. South America PMN-based Piezoceramic Components Consumption Value by Country (2024-2029) & (USD Million)

Table 142. Middle East & Africa PMN-based Piezoceramic Components Sales Quantity by Type (2018-2023) & (K Units)

Table 143. Middle East & Africa PMN-based Piezoceramic Components Sales Quantity by Type (2024-2029) & (K Units)

Table 144. Middle East & Africa PMN-based Piezoceramic Components Sales Quantity by Application (2018-2023) & (K Units)

Table 145. Middle East & Africa PMN-based Piezoceramic Components Sales Quantity by Application (2024-2029) & (K Units)

Table 146. Middle East & Africa PMN-based Piezoceramic Components Sales Quantity by Region (2018-2023) & (K Units)

Table 147. Middle East & Africa PMN-based Piezoceramic Components Sales Quantity by Region (2024-2029) & (K Units)

Table 148. Middle East & Africa PMN-based Piezoceramic Components Consumption Value by Region (2018-2023) & (USD Million)

Table 149. Middle East & Africa PMN-based Piezoceramic Components Consumption Value by Region (2024-2029) & (USD Million)

Table 150. PMN-based Piezoceramic Components Raw Material

Table 151. Key Manufacturers of PMN-based Piezoceramic Components Raw Materials

Table 152. PMN-based Piezoceramic Components Typical Distributors

Table 153. PMN-based Piezoceramic Components Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. PMN-based Piezoceramic Components Picture
- Figure 2. Global PMN-based Piezoceramic Components Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global PMN-based Piezoceramic Components Consumption Value Market Share by Type in 2022
- Figure 4. Unit Structure Examples
- Figure 5. Stacked Structure Examples
- Figure 6. Global PMN-based Piezoceramic Components Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 7. Global PMN-based Piezoceramic Components Consumption Value Market Share by Application in 2022
- Figure 8. Industrial and Manufacturing Examples
- Figure 9. Automotive Examples
- Figure 10. Consumer Electronics Examples
- Figure 11. Medical Examples
- Figure 12. Military Examples
- Figure 13. Others Examples
- Figure 14. Global PMN-based Piezoceramic Components Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 15. Global PMN-based Piezoceramic Components Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 16. Global PMN-based Piezoceramic Components Sales Quantity (2018-2029) & (K Units)
- Figure 17. Global PMN-based Piezoceramic Components Average Price (2018-2029) & (US\$/Unit)
- Figure 18. Global PMN-based Piezoceramic Components Sales Quantity Market Share by Manufacturer in 2022
- Figure 19. Global PMN-based Piezoceramic Components Consumption Value Market Share by Manufacturer in 2022
- Figure 20. Producer Shipments of PMN-based Piezoceramic Components by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 21. Top 3 PMN-based Piezoceramic Components Manufacturer (Consumption Value) Market Share in 2022
- Figure 22. Top 6 PMN-based Piezoceramic Components Manufacturer (Consumption Value) Market Share in 2022



Figure 23. Global PMN-based Piezoceramic Components Sales Quantity Market Share by Region (2018-2029)

Figure 24. Global PMN-based Piezoceramic Components Consumption Value Market Share by Region (2018-2029)

Figure 25. North America PMN-based Piezoceramic Components Consumption Value (2018-2029) & (USD Million)

Figure 26. Europe PMN-based Piezoceramic Components Consumption Value (2018-2029) & (USD Million)

Figure 27. Asia-Pacific PMN-based Piezoceramic Components Consumption Value (2018-2029) & (USD Million)

Figure 28. South America PMN-based Piezoceramic Components Consumption Value (2018-2029) & (USD Million)

Figure 29. Middle East & Africa PMN-based Piezoceramic Components Consumption Value (2018-2029) & (USD Million)

Figure 30. Global PMN-based Piezoceramic Components Sales Quantity Market Share by Type (2018-2029)

Figure 31. Global PMN-based Piezoceramic Components Consumption Value Market Share by Type (2018-2029)

Figure 32. Global PMN-based Piezoceramic Components Average Price by Type (2018-2029) & (US\$/Unit)

Figure 33. Global PMN-based Piezoceramic Components Sales Quantity Market Share by Application (2018-2029)

Figure 34. Global PMN-based Piezoceramic Components Consumption Value Market Share by Application (2018-2029)

Figure 35. Global PMN-based Piezoceramic Components Average Price by Application (2018-2029) & (US\$/Unit)

Figure 36. North America PMN-based Piezoceramic Components Sales Quantity Market Share by Type (2018-2029)

Figure 37. North America PMN-based Piezoceramic Components Sales Quantity Market Share by Application (2018-2029)

Figure 38. North America PMN-based Piezoceramic Components Sales Quantity Market Share by Country (2018-2029)

Figure 39. North America PMN-based Piezoceramic Components Consumption Value Market Share by Country (2018-2029)

Figure 40. United States PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Canada PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Mexico PMN-based Piezoceramic Components Consumption Value and

Growth Rate (2018-2029) & (USD Million)

Figure 43. Europe PMN-based Piezoceramic Components Sales Quantity Market Share by Type (2018-2029)

Figure 44. Europe PMN-based Piezoceramic Components Sales Quantity Market Share by Application (2018-2029)

Figure 45. Europe PMN-based Piezoceramic Components Sales Quantity Market Share by Country (2018-2029)

Figure 46. Europe PMN-based Piezoceramic Components Consumption Value Market Share by Country (2018-2029)

Figure 47. Germany PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. France PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. United Kingdom PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Russia PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Italy PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Asia-Pacific PMN-based Piezoceramic Components Sales Quantity Market Share by Type (2018-2029)

Figure 53. Asia-Pacific PMN-based Piezoceramic Components Sales Quantity Market Share by Application (2018-2029)

Figure 54. Asia-Pacific PMN-based Piezoceramic Components Sales Quantity Market Share by Region (2018-2029)

Figure 55. Asia-Pacific PMN-based Piezoceramic Components Consumption Value Market Share by Region (2018-2029)

Figure 56. China PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Japan PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Korea PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. India PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Southeast Asia PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Australia PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. South America PMN-based Piezoceramic Components Sales Quantity Market Share by Type (2018-2029)

Figure 63. South America PMN-based Piezoceramic Components Sales Quantity Market Share by Application (2018-2029)

Figure 64. South America PMN-based Piezoceramic Components Sales Quantity Market Share by Country (2018-2029)

Figure 65. South America PMN-based Piezoceramic Components Consumption Value Market Share by Country (2018-2029)

Figure 66. Brazil PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Argentina PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Middle East & Africa PMN-based Piezoceramic Components Sales Quantity Market Share by Type (2018-2029)

Figure 69. Middle East & Africa PMN-based Piezoceramic Components Sales Quantity Market Share by Application (2018-2029)

Figure 70. Middle East & Africa PMN-based Piezoceramic Components Sales Quantity Market Share by Region (2018-2029)

Figure 71. Middle East & Africa PMN-based Piezoceramic Components Consumption Value Market Share by Region (2018-2029)

Figure 72. Turkey PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Egypt PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Saudi Arabia PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. South Africa PMN-based Piezoceramic Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. PMN-based Piezoceramic Components Market Drivers

Figure 77. PMN-based Piezoceramic Components Market Restraints

Figure 78. PMN-based Piezoceramic Components Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of PMN-based Piezoceramic Components in 2022

Figure 81. Manufacturing Process Analysis of PMN-based Piezoceramic Components

Figure 82. PMN-based Piezoceramic Components Industrial Chain

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

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

## I would like to order

Product name: Global PMN-based Piezoceramic Components Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/GB21813CFA94EN.html>

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

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB21813CFA94EN.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

