

Global Piezoelectric Ceramic Elements Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Piezoelectric Ceramic Elements market size was valued at US\$ 9997 million in 2024 and is forecast to a readjusted size of USD 12950 million by 2031 with a CAGR of 3.8% during review period.

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.

Miniaturization and Efficiency: As technology advances, the demand for smaller, more efficient, and highly responsive components increases. Piezoelectric ceramic elements provide a compact solution for various devices that require precise control and sensing.

5G Technology: The rollout of 5G technology will require advanced RF filters and resonators, creating opportunities for piezoelectric ceramics in telecommunications equipment.

Internet of Things (IoT): As IoT devices become more prevalent, the demand for compact, energy-efficient sensors and actuators will increase, providing opportunities for piezoelectric ceramic components.

This report is a detailed and comprehensive analysis for global Piezoelectric Ceramic Elements market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as

well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Piezoelectric Ceramic Elements market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

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

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

Global Piezoelectric Ceramic Elements market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Piezoelectric Ceramic Elements
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Piezoelectric Ceramic Elements market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kyocera, Johnson Matthey, CTS Corporation, PI Ceramic GmbH, Harris, Fuji Ceramics Corporation, Piezo Technologies, Meggitt Sensing, TRS Technologies?Inc, TDK Corporation, etc.

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

Market Segmentation

Piezoelectric Ceramic Elements market is split by Type and by Application. For the

period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

PZT-based

PMN-based

Others

Market segment by Application

Medical

Automotive

Industrial Equipment

Semiconductors

Consumer Electronics

Others

Major players covered

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

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 Piezoelectric Ceramic Elements product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Piezoelectric Ceramic Elements, with price, sales quantity, revenue, and global market share of Piezoelectric Ceramic Elements from 2020 to 2025.

Chapter 3, the Piezoelectric Ceramic Elements competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Piezoelectric Ceramic Elements breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Piezoelectric Ceramic Elements market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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

Chapter 13, the key raw materials and key suppliers, and industry chain of Piezoelectric Ceramic Elements.

Chapter 14 and 15, to describe Piezoelectric Ceramic Elements sales channel, distributors, customers, research findings and conclusion.

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