

# Global Low ESL Ceramic Capacitors Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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## Abstracts

According to our (Global Info Research) latest study, the global Low ESL Ceramic Capacitors 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 influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Low ESL type ceramic capacitor is a kind of capacitor, its main feature is that it has a low equivalent series inductance (ESL), which can reduce energy loss and interference in high frequency circuits. ESL refers to the equivalent inductance of a capacitor in a high-frequency environment, which can negatively affect the performance of a circuit. Low ESL type ceramic capacitors are usually made of ceramic dielectric materials with excellent dielectric properties and stability. In order to reduce ESL, low ESL type ceramic capacitors usually adopt multi-layer structure and special electrode design. The multi-layer structure can increase the electrode surface area of the capacitor, thereby reducing the inductance, and the special electrode design can reduce the internal inductance and AC resistance of the capacitor. These designs can make low ESL type ceramic capacitors have better performance in high frequency environment. Low ESL ceramic capacitors are widely used in high frequency circuits, such as microwave communication, satellite communication, radar, radio frequency identification, medical equipment and other fields. They can be used to make capacitive components in circuits such as filters, matching networks, couplers, antennas, and power amplifiers, and have important application values.

This report is a detailed and comprehensive analysis for global Low ESL Ceramic Capacitors 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 2023, are provided.

#### Key Features:

Global Low ESL Ceramic Capacitors market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Low ESL Ceramic Capacitors market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Low ESL Ceramic Capacitors market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Low ESL Ceramic Capacitors market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

#### 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 Low ESL Ceramic Capacitors

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 Low ESL Ceramic Capacitors 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 American Technical Ceramics, Johanson Dielectrics Inc., KEMET, Knowles Novacap and KYOCERA AVX, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market Segmentation

Low ESL Ceramic Capacitors 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. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Surface Mount

Through Hole Mounting

### Market segment by Application

Communication

Electronic

Automobile

Industrial

Other

### Major players covered

American Technical Ceramics

Johanson Dielectrics Inc.

KEMET

Knowles Novacap

KYOCERA AVX

Murata Electronics

Panasonic Electronic Components

Pulse Electronics

Samsung Electro-Mechanics

Taiyo Yuden

TDK Corporation

United Chemi-Con

Walsin Technology Corporation

YAGEO

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 Low ESL Ceramic Capacitors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Low ESL Ceramic Capacitors, with price, sales, revenue and global market share of Low ESL Ceramic Capacitors from 2018 to 2023.

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

Chapter 4, the Low ESL Ceramic Capacitors 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 Low ESL Ceramic Capacitors market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Low ESL Ceramic Capacitors.

Chapter 14 and 15, to describe Low ESL Ceramic Capacitors sales channel, distributors, customers, research findings and conclusion.

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