

Global Surface Mount PTC Thermistors Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/G0DD325A72F5EN.html

Date: May 2023

Pages: 110

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

ID: G0DD325A72F5EN

Abstracts

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

A surface mount PTC thermistor is a type of thermistor that is characterized in that it can be surface mounted to a circuit board. PTC, the positive temperature coefficient. This means that when the temperature increases, the resistance value of the PTC thermistor increases. PTC thermistors are widely used in circuits for circuit protection and temperature control. When the current passes through the PTC thermistor, if the current is too large or the ambient temperature is too high, the resistance value of the PTC thermistor will increase, thereby limiting the flow of current and protecting the circuit from damage. At the same time, the PTC thermistor can also be used as a temperature sensor to detect the change of the ambient temperature by measuring the change of its resistance value. Compared with the traditional plug-in PTC thermistor, the surface mount PTC thermistor has the advantages of small size, light weight, and convenient installation, so it is widely used in electronic products.

This report studies the global Surface Mount PTC Thermistors production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Surface Mount PTC Thermistors, 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 Surface Mount PTC Thermistors that contribute to its increasing demand across many markets.

Highlights and key features of the study



Global Surface Mount PTC Thermistors total production and demand, 2018-2029, (K Units)

Global Surface Mount PTC Thermistors total production value, 2018-2029, (USD Million)

Global Surface Mount PTC Thermistors production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Surface Mount PTC Thermistors consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Surface Mount PTC Thermistors domestic production, consumption, key domestic manufacturers and share

Global Surface Mount PTC Thermistors production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Surface Mount PTC Thermistors production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Surface Mount PTC Thermistors production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Surface Mount PTC Thermistors 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 Bourns Inc., Eaton- Electronics Division, TDK Electronics, Infineon Technologies, Littelfuse Inc., Murata Electronics, NXP USA Inc., TE Connectivity and Texas Instruments, 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 Surface Mount PTC Thermistors 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 Surface Mount PTC Thermistors Market, By Region: **United States** China Europe Japan South Korea **ASEAN** India Rest of World Global Surface Mount PTC Thermistors Market, Segmentation by Type Ceramic Resistor Polymer Resistor Global Surface Mount PTC Thermistors Market, Segmentation by Application Electronic

Automobile



Other Companies Profiled: Bourns Inc. Eaton- Electronics Division **TDK Electronics** Infineon Technologies Littelfuse Inc. Murata Electronics NXP USA Inc. TE Connectivity **Texas Instruments** Vishay **Key Questions Answered**

- 1. How big is the global Surface Mount PTC Thermistors market?
- 2. What is the demand of the global Surface Mount PTC Thermistors market?
- 3. What is the year over year growth of the global Surface Mount PTC Thermistors market?
- 4. What is the production and production value of the global Surface Mount PTC Thermistors market?
- 5. Who are the key producers in the global Surface Mount PTC Thermistors market?



6. What are the growth factors driving the market demand?



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