

# Global Negative Temperature Thermistor Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G4F5402C0F08EN.html>

Date: July 2024

Pages: 130

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

ID: G4F5402C0F08EN

## Abstracts

The global Negative Temperature Thermistor market size is expected to reach \$ 773.9 million by 2029, rising at a market growth of 2.7% CAGR during the forecast period (2023-2029).

Global key players of Negative Temperature Thermistor include Thinking Electronic, Shibaura, TDK, etc. The top three players hold a share over 31%.

Asia-Pacific is the largest market, has a share about 72%, followed by Europe and North America, with share 12% and 14%, separately.

In terms of product type, Radial Type is the largest segment, occupied for a share of 30%, and in terms of application, Consumer Electronics has a share about 31%.

An NTC thermistor is a ceramic semiconductor made with various metal oxides. Their electrical resistance decreases with increasing temperature. A typical temperature range for existing ceramic Negative Temperature Coefficient Thermistors is -80 degrees C to +300 degrees C. This resistance is processed by an electronic circuit to provide temperature measurement. The thermistor itself does not provide any control over heating elements, relays, etc. The thermistor is strictly a sensor and any electrical control would need to be implemented by the circuit utilizing the thermistor.

Conventional ceramic NTC thermistors have been employed in the marketplace for over 70 years; and dominate the thermistor market. The ceramic thermistors are comprised of a metal oxide mix annealed at high temperatures. Companies around the world have used this ceramic technology to produce billions of thermistors annually. Typically, NTC thermistor is the most popular and economic solution for various fields such as home

appliance, automotive, telecommunication, computer, medical instruments, industrial sites, etc..

This report studies the global Negative Temperature Thermistor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Negative Temperature Thermistor, 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 Negative Temperature Thermistor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Negative Temperature Thermistor total production and demand, 2018-2029, (M Units)

Global Negative Temperature Thermistor total production value, 2018-2029, (USD Million)

Global Negative Temperature Thermistor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global Negative Temperature Thermistor consumption by region & country, CAGR, 2018-2029 & (M Units)

U.S. VS China: Negative Temperature Thermistor domestic production, consumption, key domestic manufacturers and share

Global Negative Temperature Thermistor production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (M Units)

Global Negative Temperature Thermistor production by Type, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global Negative Temperature Thermistor production by Application production, value, CAGR, 2018-2029, (USD Million) & (M Units).

This reports profiles key players in the global Negative Temperature Thermistor 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 Thinking Electronic, Shibaura, TDK, Semitec Corporation, Mitsubishi, Vishay, Shiheng Electronics, AVX and Murata, 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 Negative Temperature Thermistor market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (M 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 Negative Temperature Thermistor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Negative Temperature Thermistor Market, Segmentation by Type

Radial Type

Diode Type

Wire Bonding Type

Film Type

SMD Type

Wire Type

Chip in Glass Type

## Global Negative Temperature Thermistor Market, Segmentation by Application

Consumer Electronics

Medical Instruments

Automotive

Home Appliance

Industrial Equipment

Aerospace & Defense

Others

## Companies Profiled:

Thinking Electronic

Shibaura

TDK

Semitec Corporation

Mitsubishi

Vishay

Shiheng Electronics

AVX

Murata

Panasonic

Fenghua Electronics

Latron

TE Connectivity

Ametherm

Amphenol Advanced Sensors

Littelfuse

Sinochip Electronics

E WAY Technology

EXSENSE Electronic

Tewa Temperature Sensors

TAYAO Technology

JOYIN

Elscott Manufacturing

KOA

Sen Tech

Mingjia Electric

Zhengli Group

UNIX TECH

### Key Questions Answered

1. How big is the global Negative Temperature Thermistor market?
2. What is the demand of the global Negative Temperature Thermistor market?
3. What is the year over year growth of the global Negative Temperature Thermistor market?
4. What is the production and production value of the global Negative Temperature Thermistor market?
5. Who are the key producers in the global Negative Temperature Thermistor market?
6. What are the growth factors driving the market demand?

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