

# Global SMD NTC Thermistor Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G9DFDAA5E7BFEN.html>

Date: October 2023

Pages: 117

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

ID: G9DFDAA5E7BFEN

## Abstracts

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

The industry trend for SMD NTC Thermistors is marked by increasing demand in electronics and IoT (Internet of Things) applications, where accurate temperature sensing is critical. As electronics become more compact and energy-efficient, the need for miniature, surface-mountable temperature sensors has grown. SMD NTC Thermistors are favored for their small size, rapid response times, and compatibility with automated manufacturing processes. Additionally, as IoT devices proliferate, temperature monitoring is integral for optimizing performance and ensuring reliability. This trend pushes for ongoing innovation in thermistor technology, including enhanced sensitivity, wider temperature ranges, and integration with smart sensors and IoT platforms to meet the evolving demands of modern electronics and automation.

SMD NTC Thermistor, also known as a Surface Mount Device Negative Temperature Coefficient Thermistor, is an electronic component used for temperature sensing and temperature compensation in various electronic circuits. It consists of a semiconductor material whose electrical resistance decreases as the temperature increases. This unique characteristic allows NTC thermistors to accurately measure temperature changes and provide precise temperature data to electronic systems. Surface mount design makes them easy to integrate onto printed circuit boards (PCBs) and is commonly used in applications like temperature control, thermal protection, and temperature monitoring in electronic devices, appliances, and industrial equipment.

This report studies the global SMD NTC Thermistor production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global SMD NTC Thermistor total production and demand, 2018-2029, (K Units)

Global SMD NTC Thermistor total production value, 2018-2029, (USD Million)

Global SMD NTC Thermistor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global SMD NTC Thermistor consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: SMD NTC Thermistor domestic production, consumption, key domestic manufacturers and share

Global SMD NTC Thermistor production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global SMD NTC Thermistor production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global SMD NTC Thermistor production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global SMD NTC 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 Shibaura, TDK, Semitec Corporation, Mitsubishi, AVX, Murata, Panasonic, TE Connectivity and Ametherm, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World SMD NTC Thermistor 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 SMD NTC Thermistor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global SMD NTC Thermistor Market, Segmentation by Type

Radial NTC Thermistor

Axial NTC Thermistor

Global SMD NTC Thermistor Market, Segmentation by Application

Consumer Electronics

Automotive

Aerospace

Others

Companies Profiled:

Shibaura

TDK

Semitec Corporation

Mitsubishi

AVX

Murata

Panasonic

TE Connectivity

Ametherm

Amphenol Advanced Sensors

Thinking Electronic

Sinochip Electronics

JOYIN

Nanjing Shiheng Electronics

Tongling Fenghua Electronics

TAYAO Technology

### Key Questions Answered

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

## Contents

### 1 SUPPLY SUMMARY

- 1.1 SMD NTC Thermistor Introduction
- 1.2 World SMD NTC Thermistor Supply & Forecast
  - 1.2.1 World SMD NTC Thermistor Production Value (2018 & 2022 & 2029)
  - 1.2.2 World SMD NTC Thermistor Production (2018-2029)
  - 1.2.3 World SMD NTC Thermistor Pricing Trends (2018-2029)
- 1.3 World SMD NTC Thermistor Production by Region (Based on Production Site)
  - 1.3.1 World SMD NTC Thermistor Production Value by Region (2018-2029)
  - 1.3.2 World SMD NTC Thermistor Production by Region (2018-2029)
  - 1.3.3 World SMD NTC Thermistor Average Price by Region (2018-2029)
  - 1.3.4 North America SMD NTC Thermistor Production (2018-2029)
  - 1.3.5 Europe SMD NTC Thermistor Production (2018-2029)
  - 1.3.6 China SMD NTC Thermistor Production (2018-2029)
  - 1.3.7 Japan SMD NTC Thermistor Production (2018-2029)
  - 1.3.8 South Korea SMD NTC Thermistor Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 SMD NTC Thermistor Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 SMD NTC Thermistor Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World SMD NTC Thermistor Demand (2018-2029)
- 2.2 World SMD NTC Thermistor Consumption by Region
  - 2.2.1 World SMD NTC Thermistor Consumption by Region (2018-2023)
  - 2.2.2 World SMD NTC Thermistor Consumption Forecast by Region (2024-2029)
- 2.3 United States SMD NTC Thermistor Consumption (2018-2029)
- 2.4 China SMD NTC Thermistor Consumption (2018-2029)
- 2.5 Europe SMD NTC Thermistor Consumption (2018-2029)
- 2.6 Japan SMD NTC Thermistor Consumption (2018-2029)
- 2.7 South Korea SMD NTC Thermistor Consumption (2018-2029)
- 2.8 ASEAN SMD NTC Thermistor Consumption (2018-2029)
- 2.9 India SMD NTC Thermistor Consumption (2018-2029)

### 3 WORLD SMD NTC THERMISTOR MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World SMD NTC Thermistor Production Value by Manufacturer (2018-2023)
- 3.2 World SMD NTC Thermistor Production by Manufacturer (2018-2023)
- 3.3 World SMD NTC Thermistor Average Price by Manufacturer (2018-2023)
- 3.4 SMD NTC Thermistor Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global SMD NTC Thermistor Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for SMD NTC Thermistor in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for SMD NTC Thermistor in 2022
- 3.6 SMD NTC Thermistor Market: Overall Company Footprint Analysis
  - 3.6.1 SMD NTC Thermistor Market: Region Footprint
  - 3.6.2 SMD NTC Thermistor Market: Company Product Type Footprint
  - 3.6.3 SMD NTC Thermistor Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: SMD NTC Thermistor Production Value Comparison
  - 4.1.1 United States VS China: SMD NTC Thermistor Production Value Comparison (2018 & 2022 & 2029)
  - 4.1.2 United States VS China: SMD NTC Thermistor Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: SMD NTC Thermistor Production Comparison
  - 4.2.1 United States VS China: SMD NTC Thermistor Production Comparison (2018 & 2022 & 2029)
  - 4.2.2 United States VS China: SMD NTC Thermistor Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: SMD NTC Thermistor Consumption Comparison
  - 4.3.1 United States VS China: SMD NTC Thermistor Consumption Comparison (2018 & 2022 & 2029)
  - 4.3.2 United States VS China: SMD NTC Thermistor Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based SMD NTC Thermistor Manufacturers and Market Share, 2018-2023
  - 4.4.1 United States Based SMD NTC Thermistor Manufacturers, Headquarters and

## Production Site (States, Country)

4.4.2 United States Based Manufacturers SMD NTC Thermistor Production Value (2018-2023)

4.4.3 United States Based Manufacturers SMD NTC Thermistor Production (2018-2023)

## 4.5 China Based SMD NTC Thermistor Manufacturers and Market Share

4.5.1 China Based SMD NTC Thermistor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers SMD NTC Thermistor Production Value (2018-2023)

4.5.3 China Based Manufacturers SMD NTC Thermistor Production (2018-2023)

## 4.6 Rest of World Based SMD NTC Thermistor Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based SMD NTC Thermistor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers SMD NTC Thermistor Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers SMD NTC Thermistor Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World SMD NTC Thermistor Market Size Overview by Type: 2018 VS 2022 VS 2029

### 5.2 Segment Introduction by Type

5.2.1 Radial NTC Thermistor

5.2.2 Axial NTC Thermistor

### 5.3 Market Segment by Type

5.3.1 World SMD NTC Thermistor Production by Type (2018-2029)

5.3.2 World SMD NTC Thermistor Production Value by Type (2018-2029)

5.3.3 World SMD NTC Thermistor Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World SMD NTC Thermistor Market Size Overview by Application: 2018 VS 2022 VS 2029

### 6.2 Segment Introduction by Application

6.2.1 Consumer Electronics

6.2.2 Automotive

6.2.3 Aerospace



#### 6.2.4 Others

### 6.3 Market Segment by Application

#### 6.3.1 World SMD NTC Thermistor Production by Application (2018-2029)

#### 6.3.2 World SMD NTC Thermistor Production Value by Application (2018-2029)

#### 6.3.3 World SMD NTC Thermistor Average Price by Application (2018-2029)

## 7 COMPANY PROFILES

### 7.1 Shibaura

#### 7.1.1 Shibaura Details

#### 7.1.2 Shibaura Major Business

#### 7.1.3 Shibaura SMD NTC Thermistor Product and Services

#### 7.1.4 Shibaura SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.1.5 Shibaura Recent Developments/Updates

#### 7.1.6 Shibaura Competitive Strengths & Weaknesses

### 7.2 TDK

#### 7.2.1 TDK Details

#### 7.2.2 TDK Major Business

#### 7.2.3 TDK SMD NTC Thermistor Product and Services

#### 7.2.4 TDK SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.2.5 TDK Recent Developments/Updates

#### 7.2.6 TDK Competitive Strengths & Weaknesses

### 7.3 Semitec Corporation

#### 7.3.1 Semitec Corporation Details

#### 7.3.2 Semitec Corporation Major Business

#### 7.3.3 Semitec Corporation SMD NTC Thermistor Product and Services

#### 7.3.4 Semitec Corporation SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.3.5 Semitec Corporation Recent Developments/Updates

#### 7.3.6 Semitec Corporation Competitive Strengths & Weaknesses

### 7.4 Mitsubishi

#### 7.4.1 Mitsubishi Details

#### 7.4.2 Mitsubishi Major Business

#### 7.4.3 Mitsubishi SMD NTC Thermistor Product and Services

#### 7.4.4 Mitsubishi SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.4.5 Mitsubishi Recent Developments/Updates

- 7.4.6 Mitsubishi Competitive Strengths & Weaknesses
- 7.5 AVX
  - 7.5.1 AVX Details
  - 7.5.2 AVX Major Business
  - 7.5.3 AVX SMD NTC Thermistor Product and Services
  - 7.5.4 AVX SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 AVX Recent Developments/Updates
  - 7.5.6 AVX Competitive Strengths & Weaknesses
- 7.6 Murata
  - 7.6.1 Murata Details
  - 7.6.2 Murata Major Business
  - 7.6.3 Murata SMD NTC Thermistor Product and Services
  - 7.6.4 Murata SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Murata Recent Developments/Updates
  - 7.6.6 Murata Competitive Strengths & Weaknesses
- 7.7 Panasonic
  - 7.7.1 Panasonic Details
  - 7.7.2 Panasonic Major Business
  - 7.7.3 Panasonic SMD NTC Thermistor Product and Services
  - 7.7.4 Panasonic SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Panasonic Recent Developments/Updates
  - 7.7.6 Panasonic Competitive Strengths & Weaknesses
- 7.8 TE Connectivity
  - 7.8.1 TE Connectivity Details
  - 7.8.2 TE Connectivity Major Business
  - 7.8.3 TE Connectivity SMD NTC Thermistor Product and Services
  - 7.8.4 TE Connectivity SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 TE Connectivity Recent Developments/Updates
  - 7.8.6 TE Connectivity Competitive Strengths & Weaknesses
- 7.9 Ametherm
  - 7.9.1 Ametherm Details
  - 7.9.2 Ametherm Major Business
  - 7.9.3 Ametherm SMD NTC Thermistor Product and Services
  - 7.9.4 Ametherm SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.9.5 Ametherm Recent Developments/Updates
- 7.9.6 Ametherm Competitive Strengths & Weaknesses
- 7.10 Amphenol Advanced Sensors
  - 7.10.1 Amphenol Advanced Sensors Details
  - 7.10.2 Amphenol Advanced Sensors Major Business
  - 7.10.3 Amphenol Advanced Sensors SMD NTC Thermistor Product and Services
  - 7.10.4 Amphenol Advanced Sensors SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 Amphenol Advanced Sensors Recent Developments/Updates
  - 7.10.6 Amphenol Advanced Sensors Competitive Strengths & Weaknesses
- 7.11 Thinking Electronic
  - 7.11.1 Thinking Electronic Details
  - 7.11.2 Thinking Electronic Major Business
  - 7.11.3 Thinking Electronic SMD NTC Thermistor Product and Services
  - 7.11.4 Thinking Electronic SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.11.5 Thinking Electronic Recent Developments/Updates
  - 7.11.6 Thinking Electronic Competitive Strengths & Weaknesses
- 7.12 Sinochip Electronics
  - 7.12.1 Sinochip Electronics Details
  - 7.12.2 Sinochip Electronics Major Business
  - 7.12.3 Sinochip Electronics SMD NTC Thermistor Product and Services
  - 7.12.4 Sinochip Electronics SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.12.5 Sinochip Electronics Recent Developments/Updates
  - 7.12.6 Sinochip Electronics Competitive Strengths & Weaknesses
- 7.13 JOYIN
  - 7.13.1 JOYIN Details
  - 7.13.2 JOYIN Major Business
  - 7.13.3 JOYIN SMD NTC Thermistor Product and Services
  - 7.13.4 JOYIN SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.13.5 JOYIN Recent Developments/Updates
  - 7.13.6 JOYIN Competitive Strengths & Weaknesses
- 7.14 Nanjing Shiheng Electronics
  - 7.14.1 Nanjing Shiheng Electronics Details
  - 7.14.2 Nanjing Shiheng Electronics Major Business
  - 7.14.3 Nanjing Shiheng Electronics SMD NTC Thermistor Product and Services
  - 7.14.4 Nanjing Shiheng Electronics SMD NTC Thermistor Production, Price, Value,

## Gross Margin and Market Share (2018-2023)

7.14.5 Nanjing Shiheng Electronics Recent Developments/Updates

7.14.6 Nanjing Shiheng Electronics Competitive Strengths & Weaknesses

## 7.15 Tongling Fenghua Electronics

7.15.1 Tongling Fenghua Electronics Details

7.15.2 Tongling Fenghua Electronics Major Business

7.15.3 Tongling Fenghua Electronics SMD NTC Thermistor Product and Services

7.15.4 Tongling Fenghua Electronics SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)

## 7.15.5 Tongling Fenghua Electronics Recent Developments/Updates

7.15.5 Tongling Fenghua Electronics Recent Developments/Updates

7.15.6 Tongling Fenghua Electronics Competitive Strengths & Weaknesses

## 7.16 TAYAO Technology

7.16.1 TAYAO Technology Details

7.16.2 TAYAO Technology Major Business

7.16.3 TAYAO Technology SMD NTC Thermistor Product and Services

7.16.4 TAYAO Technology SMD NTC Thermistor Production, Price, Value, Gross Margin and Market Share (2018-2023)

## 7.16.5 TAYAO Technology Recent Developments/Updates

7.16.5 TAYAO Technology Recent Developments/Updates

7.16.6 TAYAO Technology Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

### 8.1 SMD NTC Thermistor Industry Chain

### 8.2 SMD NTC Thermistor Upstream Analysis

8.2.1 SMD NTC Thermistor Core Raw Materials

8.2.2 Main Manufacturers of SMD NTC Thermistor Core Raw Materials

### 8.3 Midstream Analysis

### 8.4 Downstream Analysis

### 8.5 SMD NTC Thermistor Production Mode

### 8.6 SMD NTC Thermistor Procurement Model

### 8.7 SMD NTC Thermistor Industry Sales Model and Sales Channels

8.7.1 SMD NTC Thermistor Sales Model

8.7.2 SMD NTC Thermistor Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

### 10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World SMD NTC Thermistor Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World SMD NTC Thermistor Production Value by Region (2018-2023) & (USD Million)

Table 3. World SMD NTC Thermistor Production Value by Region (2024-2029) & (USD Million)

Table 4. World SMD NTC Thermistor Production Value Market Share by Region (2018-2023)

Table 5. World SMD NTC Thermistor Production Value Market Share by Region (2024-2029)

Table 6. World SMD NTC Thermistor Production by Region (2018-2023) & (K Units)

Table 7. World SMD NTC Thermistor Production by Region (2024-2029) & (K Units)

Table 8. World SMD NTC Thermistor Production Market Share by Region (2018-2023)

Table 9. World SMD NTC Thermistor Production Market Share by Region (2024-2029)

Table 10. World SMD NTC Thermistor Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World SMD NTC Thermistor Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. SMD NTC Thermistor Major Market Trends

Table 13. World SMD NTC Thermistor Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World SMD NTC Thermistor Consumption by Region (2018-2023) & (K Units)

Table 15. World SMD NTC Thermistor Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World SMD NTC Thermistor Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key SMD NTC Thermistor Producers in 2022

Table 18. World SMD NTC Thermistor Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key SMD NTC Thermistor Producers in 2022

Table 20. World SMD NTC Thermistor Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global SMD NTC Thermistor Company Evaluation Quadrant

Table 22. World SMD NTC Thermistor Industry Rank of Major Manufacturers, Based on

## Production Value in 2022

Table 23. Head Office and SMD NTC Thermistor Production Site of Key Manufacturer

Table 24. SMD NTC Thermistor Market: Company Product Type Footprint

Table 25. SMD NTC Thermistor Market: Company Product Application Footprint

Table 26. SMD NTC Thermistor Competitive Factors

Table 27. SMD NTC Thermistor New Entrant and Capacity Expansion Plans

Table 28. SMD NTC Thermistor Mergers & Acquisitions Activity

Table 29. United States VS China SMD NTC Thermistor Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China SMD NTC Thermistor Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China SMD NTC Thermistor Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based SMD NTC Thermistor Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers SMD NTC Thermistor Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers SMD NTC Thermistor Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers SMD NTC Thermistor Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers SMD NTC Thermistor Production Market Share (2018-2023)

Table 37. China Based SMD NTC Thermistor Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers SMD NTC Thermistor Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers SMD NTC Thermistor Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers SMD NTC Thermistor Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers SMD NTC Thermistor Production Market Share (2018-2023)

Table 42. Rest of World Based SMD NTC Thermistor Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers SMD NTC Thermistor Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers SMD NTC Thermistor Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers SMD NTC Thermistor Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers SMD NTC Thermistor Production Market Share (2018-2023)

Table 47. World SMD NTC Thermistor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World SMD NTC Thermistor Production by Type (2018-2023) & (K Units)

Table 49. World SMD NTC Thermistor Production by Type (2024-2029) & (K Units)

Table 50. World SMD NTC Thermistor Production Value by Type (2018-2023) & (USD Million)

Table 51. World SMD NTC Thermistor Production Value by Type (2024-2029) & (USD Million)

Table 52. World SMD NTC Thermistor Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World SMD NTC Thermistor Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World SMD NTC Thermistor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World SMD NTC Thermistor Production by Application (2018-2023) & (K Units)

Table 56. World SMD NTC Thermistor Production by Application (2024-2029) & (K Units)

Table 57. World SMD NTC Thermistor Production Value by Application (2018-2023) & (USD Million)

Table 58. World SMD NTC Thermistor Production Value by Application (2024-2029) & (USD Million)

Table 59. World SMD NTC Thermistor Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World SMD NTC Thermistor Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Shibaura Basic Information, Manufacturing Base and Competitors

Table 62. Shibaura Major Business

Table 63. Shibaura SMD NTC Thermistor Product and Services

Table 64. Shibaura SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Shibaura Recent Developments/Updates

Table 66. Shibaura Competitive Strengths & Weaknesses

Table 67. TDK Basic Information, Manufacturing Base and Competitors

Table 68. TDK Major Business

Table 69. TDK SMD NTC Thermistor Product and Services

Table 70. TDK SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production



Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. TDK Recent Developments/Updates

Table 72. TDK Competitive Strengths & Weaknesses

Table 73. Semitec Corporation Basic Information, Manufacturing Base and Competitors

Table 74. Semitec Corporation Major Business

Table 75. Semitec Corporation SMD NTC Thermistor Product and Services

Table 76. Semitec Corporation SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Semitec Corporation Recent Developments/Updates

Table 78. Semitec Corporation Competitive Strengths & Weaknesses

Table 79. Mitsubishi Basic Information, Manufacturing Base and Competitors

Table 80. Mitsubishi Major Business

Table 81. Mitsubishi SMD NTC Thermistor Product and Services

Table 82. Mitsubishi SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Mitsubishi Recent Developments/Updates

Table 84. Mitsubishi Competitive Strengths & Weaknesses

Table 85. AVX Basic Information, Manufacturing Base and Competitors

Table 86. AVX Major Business

Table 87. AVX SMD NTC Thermistor Product and Services

Table 88. AVX SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. AVX Recent Developments/Updates

Table 90. AVX Competitive Strengths & Weaknesses

Table 91. Murata Basic Information, Manufacturing Base and Competitors

Table 92. Murata Major Business

Table 93. Murata SMD NTC Thermistor Product and Services

Table 94. Murata SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Murata Recent Developments/Updates

Table 96. Murata Competitive Strengths & Weaknesses

Table 97. Panasonic Basic Information, Manufacturing Base and Competitors

Table 98. Panasonic Major Business

Table 99. Panasonic SMD NTC Thermistor Product and Services

Table 100. Panasonic SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Panasonic Recent Developments/Updates

Table 102. Panasonic Competitive Strengths & Weaknesses

Table 103. TE Connectivity Basic Information, Manufacturing Base and Competitors

Table 104. TE Connectivity Major Business

Table 105. TE Connectivity SMD NTC Thermistor Product and Services

Table 106. TE Connectivity SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. TE Connectivity Recent Developments/Updates

Table 108. TE Connectivity Competitive Strengths & Weaknesses

Table 109. Ametherm Basic Information, Manufacturing Base and Competitors

Table 110. Ametherm Major Business

Table 111. Ametherm SMD NTC Thermistor Product and Services

Table 112. Ametherm SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Ametherm Recent Developments/Updates

Table 114. Ametherm Competitive Strengths & Weaknesses

Table 115. Amphenol Advanced Sensors Basic Information, Manufacturing Base and Competitors

Table 116. Amphenol Advanced Sensors Major Business

Table 117. Amphenol Advanced Sensors SMD NTC Thermistor Product and Services

Table 118. Amphenol Advanced Sensors SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Amphenol Advanced Sensors Recent Developments/Updates

Table 120. Amphenol Advanced Sensors Competitive Strengths & Weaknesses

Table 121. Thinking Electronic Basic Information, Manufacturing Base and Competitors

Table 122. Thinking Electronic Major Business

Table 123. Thinking Electronic SMD NTC Thermistor Product and Services

Table 124. Thinking Electronic SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Thinking Electronic Recent Developments/Updates

Table 126. Thinking Electronic Competitive Strengths & Weaknesses

Table 127. Sinochip Electronics Basic Information, Manufacturing Base and Competitors

Table 128. Sinochip Electronics Major Business

Table 129. Sinochip Electronics SMD NTC Thermistor Product and Services

Table 130. Sinochip Electronics SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

- Table 131. Sinochip Electronics Recent Developments/Updates
- Table 132. Sinochip Electronics Competitive Strengths & Weaknesses
- Table 133. JOYIN Basic Information, Manufacturing Base and Competitors
- Table 134. JOYIN Major Business
- Table 135. JOYIN SMD NTC Thermistor Product and Services
- Table 136. JOYIN SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. JOYIN Recent Developments/Updates
- Table 138. JOYIN Competitive Strengths & Weaknesses
- Table 139. Nanjing Shiheng Electronics Basic Information, Manufacturing Base and Competitors
- Table 140. Nanjing Shiheng Electronics Major Business
- Table 141. Nanjing Shiheng Electronics SMD NTC Thermistor Product and Services
- Table 142. Nanjing Shiheng Electronics SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 143. Nanjing Shiheng Electronics Recent Developments/Updates
- Table 144. Nanjing Shiheng Electronics Competitive Strengths & Weaknesses
- Table 145. Tongling Fenghua Electronics Basic Information, Manufacturing Base and Competitors
- Table 146. Tongling Fenghua Electronics Major Business
- Table 147. Tongling Fenghua Electronics SMD NTC Thermistor Product and Services
- Table 148. Tongling Fenghua Electronics SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 149. Tongling Fenghua Electronics Recent Developments/Updates
- Table 150. TAYAO Technology Basic Information, Manufacturing Base and Competitors
- Table 151. TAYAO Technology Major Business
- Table 152. TAYAO Technology SMD NTC Thermistor Product and Services
- Table 153. TAYAO Technology SMD NTC Thermistor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 154. Global Key Players of SMD NTC Thermistor Upstream (Raw Materials)
- Table 155. SMD NTC Thermistor Typical Customers
- Table 156. SMD NTC Thermistor Typical Distributors
- List of Figure
- Figure 1. SMD NTC Thermistor Picture
- Figure 2. World SMD NTC Thermistor Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World SMD NTC Thermistor Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World SMD NTC Thermistor Production (2018-2029) & (K Units)

Figure 5. World SMD NTC Thermistor Average Price (2018-2029) & (US\$/Unit)

Figure 6. World SMD NTC Thermistor Production Value Market Share by Region (2018-2029)

Figure 7. World SMD NTC Thermistor Production Market Share by Region (2018-2029)

Figure 8. North America SMD NTC Thermistor Production (2018-2029) & (K Units)

Figure 9. Europe SMD NTC Thermistor Production (2018-2029) & (K Units)

Figure 10. China SMD NTC Thermistor Production (2018-2029) & (K Units)

Figure 11. Japan SMD NTC Thermistor Production (2018-2029) & (K Units)

Figure 12. South Korea SMD NTC Thermistor Production (2018-2029) & (K Units)

Figure 13. SMD NTC Thermistor Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World SMD NTC Thermistor Consumption (2018-2029) & (K Units)

Figure 16. World SMD NTC Thermistor Consumption Market Share by Region (2018-2029)

Figure 17. United States SMD NTC Thermistor Consumption (2018-2029) & (K Units)

Figure 18. China SMD NTC Thermistor Consumption (2018-2029) & (K Units)

Figure 19. Europe SMD NTC Thermistor Consumption (2018-2029) & (K Units)

Figure 20. Japan SMD NTC Thermistor Consumption (2018-2029) & (K Units)

Figure 21. South Korea SMD NTC Thermistor Consumption (2018-2029) & (K Units)

Figure 22. ASEAN SMD NTC Thermistor Consumption (2018-2029) & (K Units)

Figure 23. India SMD NTC Thermistor Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of SMD NTC Thermistor by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for SMD NTC Thermistor Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for SMD NTC Thermistor Markets in 2022

Figure 27. United States VS China: SMD NTC Thermistor Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: SMD NTC Thermistor Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: SMD NTC Thermistor Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers SMD NTC Thermistor Production Market Share 2022

Figure 31. China Based Manufacturers SMD NTC Thermistor Production Market Share

2022

Figure 32. Rest of World Based Manufacturers SMD NTC Thermistor Production Market Share 2022

Figure 33. World SMD NTC Thermistor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World SMD NTC Thermistor Production Value Market Share by Type in 2022

Figure 35. Radial NTC Thermistor

Figure 36. Axial NTC Thermistor

Figure 37. World SMD NTC Thermistor Production Market Share by Type (2018-2029)

Figure 38. World SMD NTC Thermistor Production Value Market Share by Type (2018-2029)

Figure 39. World SMD NTC Thermistor Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World SMD NTC Thermistor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World SMD NTC Thermistor Production Value Market Share by Application in 2022

Figure 42. Consumer Electronics

Figure 43. Automotive

Figure 44. Aerospace

Figure 45. Others

Figure 46. World SMD NTC Thermistor Production Market Share by Application (2018-2029)

Figure 47. World SMD NTC Thermistor Production Value Market Share by Application (2018-2029)

Figure 48. World SMD NTC Thermistor Average Price by Application (2018-2029) & (US\$/Unit)

Figure 49. SMD NTC Thermistor Industry Chain

Figure 50. SMD NTC Thermistor Procurement Model

Figure 51. SMD NTC Thermistor Sales Model

Figure 52. SMD NTC Thermistor Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

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