

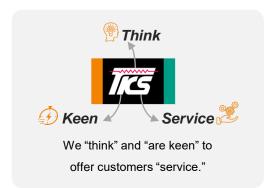


# THINKING COMPANY PROFILE



## **Corporate Introduction**















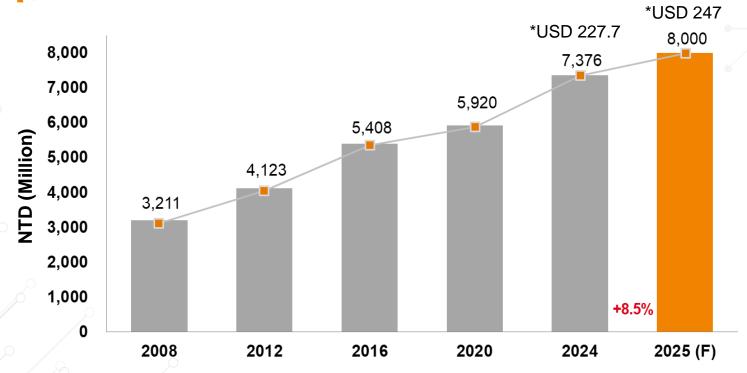


## **Corporate Introduction**





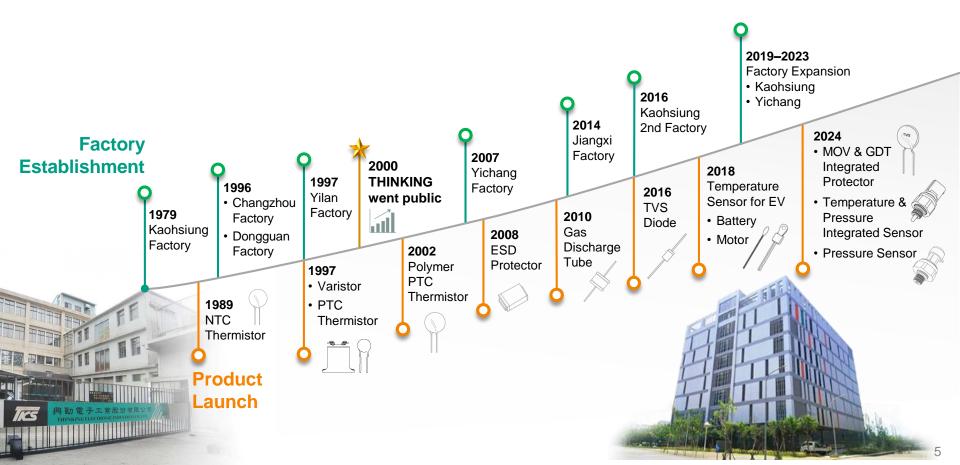
### 2008-2025 Consolidated Net Revenue



<sup>\*</sup> Using an exchange rate of 1 USD = 32.39 NTD

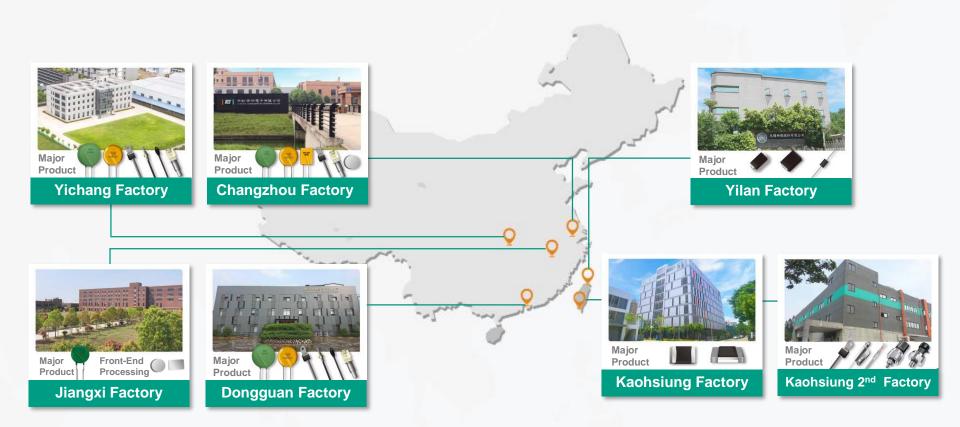
## Milestone





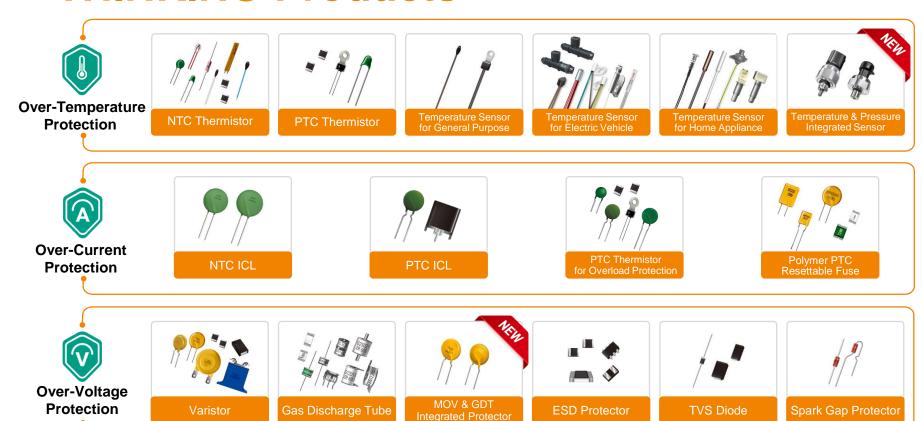
## **THINKING Factories**





### **THINKING Products**







MARKETS
AND
CUSTOMERS

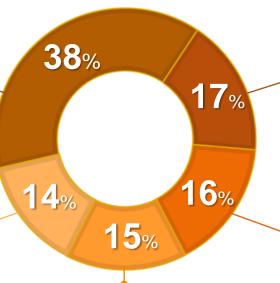


## **Major Markets**















## **Major Customers**















**Automotive** 













LG Innotek MAHLE SOCEFI









Industrial











**Networking &** Telecom















Server & **Data Center** 















## **Major Customers**





PV & Energy Storage

















Home **Appliances** 





















**Power** Supply

















Lighting









Consumer **Electronics & TV** 









SONY Be Original.



wistron



MANAGEMENT SYSTEMS



### THINKING ESG



#### **E**NVIRONMENTAL

- Green product
- Green production
- Green supply chain
- Increase the use of renewable energy

#### SOCIAL

- Support the promotional events of reading and e-bookstore projects of Kaohsiung City
- Employees participate in beach clean-up and tree-planting initiatives to contribute to ecosystem restoration

#### **G**OVERNANCE

Adhering to the RBA code of conduct, we uphold labor rights, ensure health and safety, protect the environment, conduct business with high ethical standards, and establish our management systems

### Our Green Achievements<sup>1</sup>

9% reduction in GHG emissions

reduction in energy consumption

11% reduction in water

withdrawal

4% reduction in w

reduction in waste generated

1. 2023 Sustainability Report







ISO 9001-2015 IATF 16949-2016 QC 080000-2017

Quality Management System



ISO 45001-2018

Health and Safety Management System



**RBA Gold Status** 

Responsible Business
Alliance Code of
Conduct



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## Agency Approval of Product



NTC Thermistor







NTC Temperature Sensor









PTC Thermistor









Polymer PTC Thermistor







Varistor











TVS Diode



Gas Discharge Tube



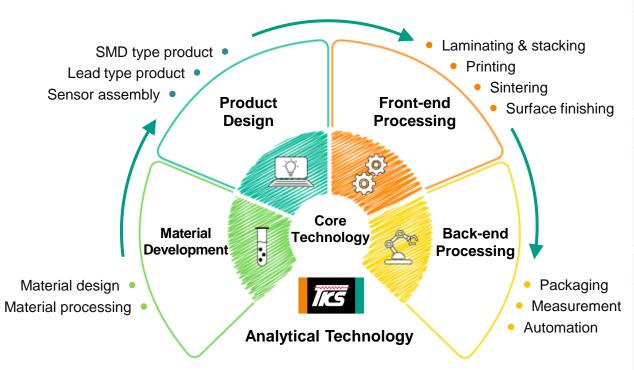


Note: Us for UL + cUL



## **Core Technology**











### **UL and TUV Certified Laboratories**



Laboratories of THINKING passed the CTDP (Client Test Data Program) of UL and witness testing qualification of TUV, and they provide the following advantages.

- International laboratory management is based on ISO 17025
- Testing equipment and technicians are aligned with those of approval agencies, offering reliable test results
- In-house testing of THINKING products shortens certification
   process and accelerates customer's new product launch





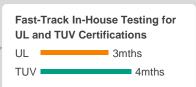




#### **Customer Success Story**

A customer approached THINKING to incorporate a Polymer PTC Resettable Fuse device from the KLM series into a Bluetooth speaker design set to launch in eight months. They requested an increase in the component's Vmax and the obtainment of its new UL and TUV certifications. Our team of test engineers promptly scheduled the necessary tests once the product engineering team provided an estimated timeline for increasing the Vmax. Leveraging our authorized testing laboratories, we completed the testing required for regulatory compliance and obtained the UL certification within three months and the TUV certification within four months.

Our seamless integration of product development and certified in-house testing service ensured the customer's on-schedule testing, validation, and mass production for a timely product launch.



## **Technical Support**



#### **TECHNICAL CONSULTATION**

THINKING AE discusses technical problems and shares application experience with customers

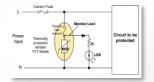


application examples

**COMPREHENSIVE TECHNICAL** 

### **EXPERT DESIGN CONSULTATION**

AE discusses circuit design with customers



#### PRODUCT SELECTION

- AE selects products based on customer's specific needs
- Online product selection tools provide efficiency and flexibility





### **TESTING AND VALIDATION**

Backed by our labs, AE assists in developing testing plans and evaluates the results with customers



### **Economies of Scale**



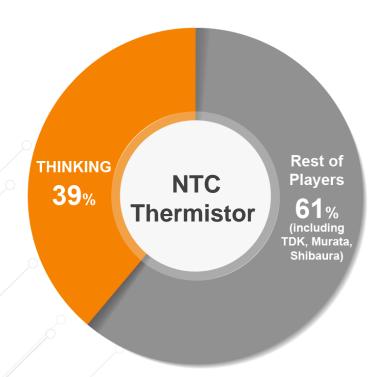


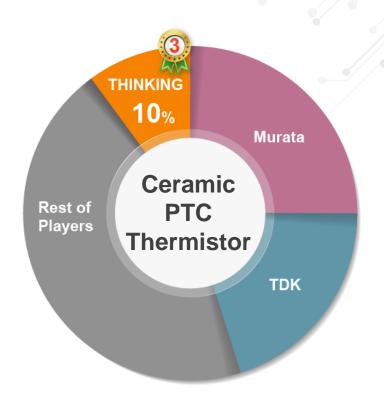


<sup>\* 39</sup> million pcs of NTC assembly products are included.

### **Market Positions of THINKING Products**







#### Note:

- 1. Internal calculation
- 2. Data source: Circuit Protection Components: World Markets, Technologies & Opportunities: 2022–2027, Paumanok Publication

### **Market Positions of THINKING Products**





THINKING disc varistor adheres to the highest standard for performance, reliability, and regulatory compliance.

- 1st and the only manufacturer to obtain UL1449A<sup>1</sup>
- Leading in Greater China to obtain VDE certification in accordance with the latest IEC61051-1 and IEC61051-2 standards<sup>2</sup>
- Wide operating voltage range provides diverse electronic devices over-voltage protection

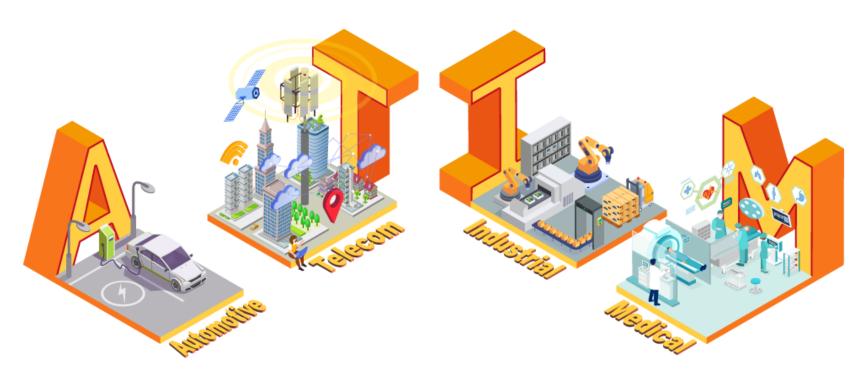
<sup>1.</sup> UL 1449A - Outline of Investigation for Electric Vehicle (EV) Surge Protective Devices

<sup>2.</sup> DIN EN IEC 61051-1:2019-07, EN IEC 61051-1:2018; DIN EN IEC 61051-2:2023-10, EN IEC 61051-2:2021; IEC 61051-2-2:1991





### **Contribution to Human Life in**



## **Continuous Expansion**







Expansion Plan	Location	Major Product	Estimated Time of Mass Production
Vietnam Factory	Hai Phong, Vietnam	<ul><li>SMD components</li><li>Temperature sensors</li></ul>	H1 of 2026
Zhongshan Factory	Guangdong, China	<ul><li>Protective components</li><li>Temperature sensors</li></ul>	Q3 of 2027

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# **THINKING**

Contribute to safety and operation efficiency of electronics

