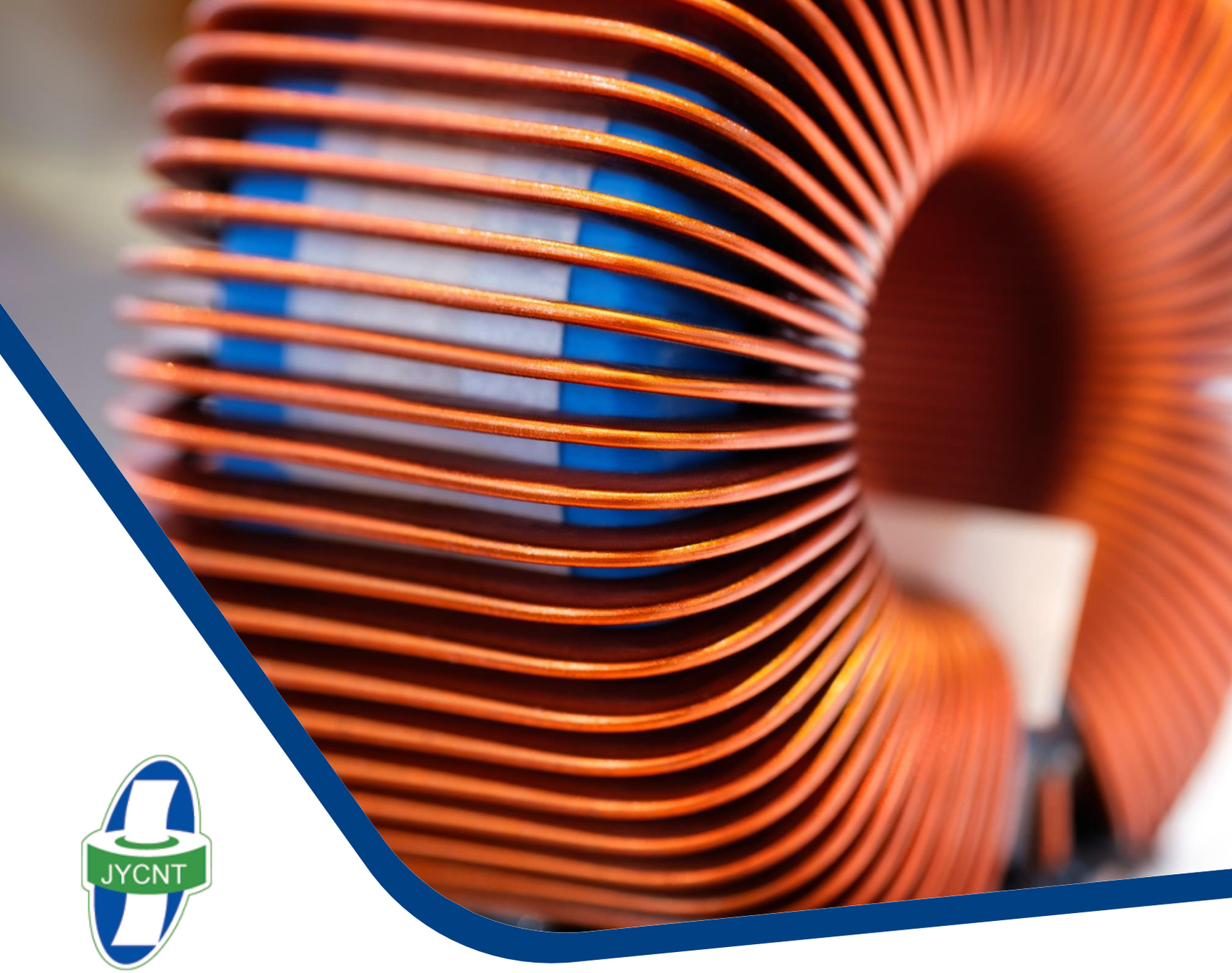

惠州佳扬电子科技有限公司

Jiayang Magnetics

We provide customers with energy-saving, high-efficiency electronic component technology solutions.

COMMUNICATION | ENERGY STORAGE
NEW ENERGY AUTOMOTIVE | HOME APPLIANCES

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ABOUT JIAYANG

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Our Focus

Jiayang is a versatile manufacturer of magnetic components, seamlessly integrating research, development, production, and sales into its operations. We stand out for our expertise in crafting a broad product portfolio, encompassing transformers designed for photovoltaic/wind energy inverters, reactors, high-current inductors, amorphous and nanocrystalline inductors, high and low-frequency electronic transformers, along with precision current transformers.

Our Clients

Serving a broad spectrum of industries, our product range encompasses photovoltaic/wind energy inverters, power supply units, telecommunications, industrial controls, UPS systems, refrigeration, LED lighting, and electronic ballasts. Notable clients, including Midea Group, Gree Electric, Huawei, BYD, and others, rely on our products for their diverse needs.

Our Size

With strategic expansion spanning over two decades, we have successfully set up five additional branches in Guangdong, Hubei, and Henan provinces. Our strong workforce comprises over 1,500 employees, including a specialized R&D engineering team of 112. Our total production area exceeds 60,000 square meters.

Honors & Certifications

Jiayang Electronics, boasting ISO 9001:2008 and IATF 16949:2016 certifications, is recognized as a "High-Tech Enterprise" with products meeting CQC and UL standards. Additionally, our leadership in amorphous and nanocrystalline technology is highlighted by membership in the China Power Supply Society and the Guangdong Transformer Association.

HISTORY OF JIAYANG GROUP

Journey of Jiayang Group

May 2002 — Huizhou Jiayang Electronics Core New-Tech Co., Ltd. was established at Huizhou, Guangdong, with a registered capital of **60 million** CNY.

Feb 2007 — Huizhou Haosheng Electronic Technology Co., Ltd. was proudly established in Huizhou, Guangdong.

May 2008 — Wuhan Chenyang Electronic Technology Co., Ltd. was established in Xiantao, Hubei, with a registeredcapital of **24 million** CNY.

Oct 2018 — Huizhou Jiaci Electronics Co., Ltd. was established in Huizhou, Guangdong.

Sept 2019 — Luoshan Jiayang Electronic Technology Co., Ltd. was established in Xinyang, Henan, with a registered capital of **5 million** CNY.

Sept 2020 — Jiayang Group's headquarters purchased 55 acres of land to start building an industrial park, with an estimated investment exceeding **300 million** CNY.

MORE ABOUT JIAYANG GROUP

Huizhou Jiayang HQ

Huizhou Jiayang's Head Quarter was put into operation at the end of 2023. It spans 55 acres and incorporates 7 buildings with a cumulative construction area of 80,000 m^2. Notable facilities include standalone office buildings, laboratories, and a research and development center. The new headquarter is located at No. 121, Yanjiang Road, Boluo, Huizhou, Guangdong.

Huizhou Jiayang

Since our establishment in 2002, the company has achieved a total construction area of 20,000 m^2 and employs a workforce exceeding 350 individuals. Its core focus lies in the production of amorphous and nanocrystalline magnetic cores, as well as a range of inductors. The company's facilities include standalone office buildings, laboratories, a research and development center, and automated production workshops. It is located at No. 9 Changzhong Rd, Futian, Boluo, Huizhou, Guangdong.

Wuhan Chenyang

Established in 2008, the company occupies 55 acres of land with a total construction area of 45,000 m^2. Employing over 700 people, it specializes in manufacturing inductors, transformers, current transformers, and PFC inductors. The production facilities include 6 semi-automatic transformer production lines, 15 fully automatic production lines, and 50 automatic inductor winding machines. The company is located at Liukou Industrial Park, Xiantao, Hubei.

KEY CUSTOMERS

CUSTOMERS DISTRIBUTION

Home Appliances

home appliances such as air conditioners, electric fans, washing machines, water heaters, electric ovens, and other electrical equipments.

Electric Vehicles

new energy vehicles and charging stations market

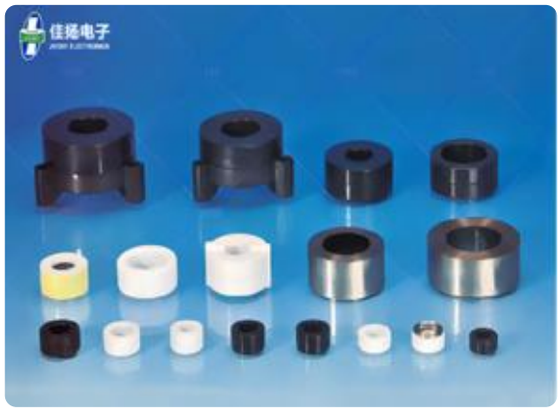
Energy Storage Systems

energy-type power storage systems, indoor, outdoor distributed energy storage systems, mobile energy storage systems, and backup power supplies for 5G communication base stations, etc.

Photovoltaic New Energy

photovoltaics, wind energy photovoltaic equipments, and various inverter products.

Nanocrystalline Magnetic Core



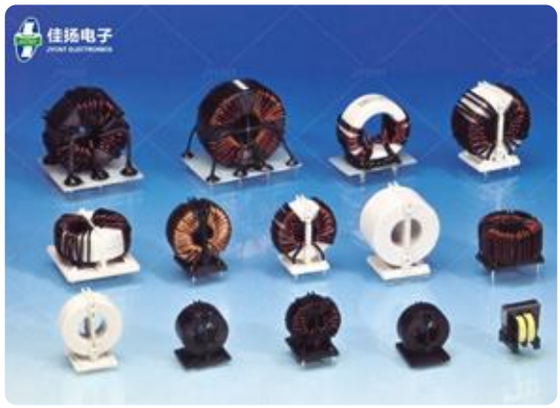
Performance Characteristics:

- High permeability
- Low magnetic loss
- High thermal stability

Application Fields

- Power electronics
- Household appliances
- Power regulators
- Radio equipment
- Security equipment
- Communication equipment
- New energy vehicles
- Medical equipment
- Photovoltaic storage

Amorphous Common Mode Inductors



Performance Characteristics:

- Fewer turns, high inductance
- Low distributed capacitance
- Compact size
- Low temperature rise
- Capable of long-term operation at higher working temperatures

Application Fields

- Household appliances
- Communication power supplies
- Medical equipment
- Military products
- New energy vehicles
- Photovoltaic storage,

SQ Common Mode Inductors

Performance Characteristics:

- Excellent high-frequency impedance characteristics
- Great consistency

Application Fields

- Household appliances
- Communication power supplies
- New energy vehicles
- Photovoltaic storage

Flat Wire Common Mode Inductors

Performance Characteristics:

- High power
- High inductance
- Great impedance frequency characteristics

Application Fields

- Household appliances
- Communication power supplies
- Medical equipment
- Military products
- New energy vehicles
- Photovoltaic storage

Filter Inductors

Performance Characteristics:

- Low-cost design
- Low current resistance
- Good filtering performance
- Good high-frequency attenuation
- Low thermal impact on surrounding components during use
- Availability in various materials to meet different frequency requirements
- Wide inductance range

Application Fields

- Household appliances
- Electronic communications
- Green lighting
- Automatic control
- Instrumentation
- New energy vehicles

Amorphous PFC Inductors

Performance Characteristics:

- High saturation magnetic flux density
- Low high-frequency loss
- Excellent frequency characteristics
- Excellent temperature characteristics
- Favorable DC bias performance

Application Fields

- DC Inverter Air Conditioning
- Active Solar Energy Systems
- High-Power Energy Storage Inductors
- High-Power Inverter Power Supplies

Round Wire PFC Inductors

Performance Characteristics:

- High saturation magnetic flux density
- Good DC bias characteristics
- High temperature stability
- Excellent frequency characteristics

Application Fields

- Household appliances
- Communication power supplies
- New energy vehicles
- Photovoltaic storage

Flat wire PFC inductors

Performance Characteristics:

- High saturation magnetic flux density
- Low distributed capacitance
- Good DC bias characteristics
- High temperature stability
- Excellent frequency characteristics

Application Fields

- Household appliances
- Communication power supplies
- New energy vehicles
- Photovoltaic storage

Inductors

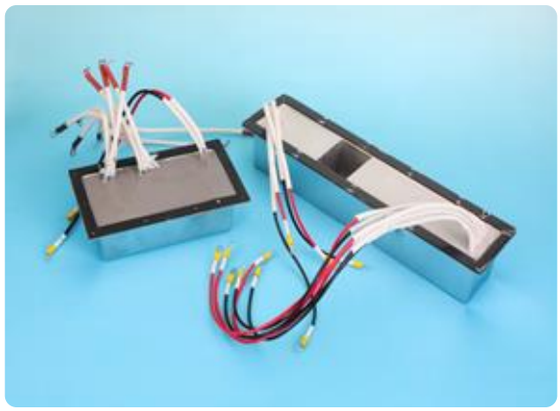
Performance Characteristics:

- High saturation magnetic flux density
- Good DC bias
- Good temperature performance
- Excellent frequency characteristics

Application Fields

- Photovoltaic storage
- Charging piles

Encapsulated inductors



Performance Characteristics:

- High saturation magnetic flux density
- Good DC bias
- Good temperature performance,
- Excellent frequency characteristics

Application Fields

- Photovoltaic energy storage
- Wind power generation

Assembled Inductors

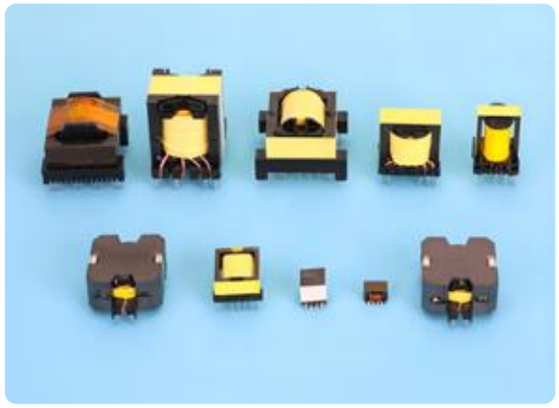
Performance Characteristics:

- High saturation magnetic flux density
- Good DC bias
- Excellent frequency characteristics
- Excellent temperature characteristics

Application Fields

- Charging stations
- Lithium battery charging and discharging equipment

High Frequency Transformers



Performance Characteristics:

- High operating frequency
- High efficiency
- Compact size
- Lightweight

Application Fields

- Household appliances
- Electronic communications
- LED lighting
- Switching power supplies
- New energy vehicles,
- Photovoltaic energy storage

Power Transformers

Performance Characteristics:

- High power
- Compact size
- Low interference

Application Fields

- Switching power supplies
- Power amplifiers
- Stages
- TV projection

Main Transformers

Performance Characteristics:

- Capable of integrating the resonant inductor within, achieving a compact size
- High efficiency

Application Fields

- New energy vehicles
- Photovoltaic energy storage

Planar Transformers

Performance Characteristics:

- The copper winding has only 1 turn, which can achieve standard input of 12V battery voltage, resulting in a compact size and high efficiency

Application Fields

- New energy vehicles
- Photovoltaic energy storage

Planar Transformers

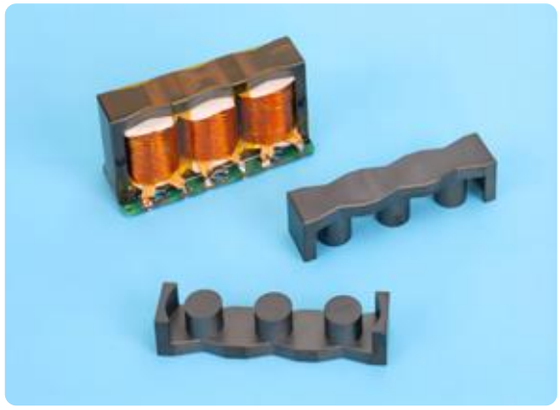
Performance Characteristics:

- Flat vertical winding with 2+N turns
- Compact size
- Suitable for battery voltage input from 12V to 24V or 48V, achieving compact size and high efficiency

Application Fields

- New energy vehicles
- Photovoltaic energy storage

Integrated Transformers



Performance Characteristics:

- Multi-functional core: the transformer windings' termination legs (ground ends) can be paralleled through PCB traces and individually soldered onto PCB pads, with conducting copper posts for output, achieving compact size and high efficiency

Application Fields

- New energy vehicles
- Photovoltaic energy storage

Current Transformers

Performance Characteristics:

- High accuracy
- Small size
- Low cost
- Wide measurement range

Application Fields

- Household appliances
- Instrumentation
- New energy vehicles

HONORABLE AWARDS

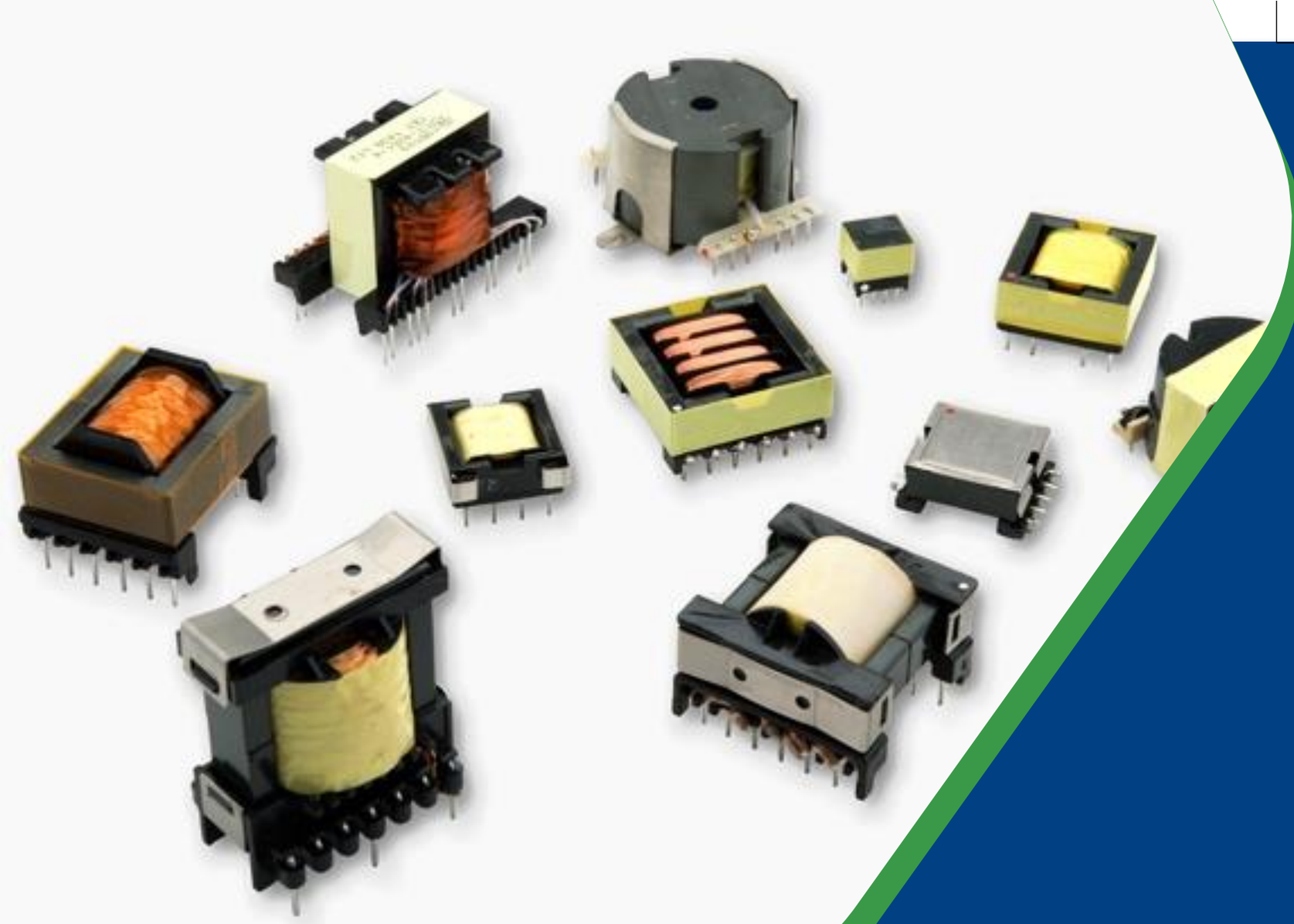
ENTERPRISE CERTIFICATES

PATENTS

PRODUCTION SCENE

TESTING EQUIPMENT – QUALITY ASSURANCE

LABORATORY EQUIPMENT



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