



ELECTRONICS

Empowering Your Electronics

1988

Founded by two engineering practitioners.



1990

Exported to North America market.



1998

ISO-9001 certified and parts supplied to TECH in Israel and the Middle East.



2002

ISO-14001 certified and committed to a paradigm of Going Green.



2010

Relocated and expanded to a new facility of high-tech operations.



2017

Introduced Automation Simplification, the method that innovated a new production approach.



30



Our Promise
Empowering
Your Electronics

years

HISTORY AND HERITAGE

THOSE WERE THE DAYS

Everything started from a passion of two industry experts Dr. Katiya Greigarn and Dr. Viphandh Roengpithya. In 1988, two founders endeavored to start a journey, maybe it was time that engineers and venture capitalists considered their ambition about what made a dream and what it meant to everyone and how it impacted a society.

Over three decades, ***“your success has been paramount to our promise since the day that KV Electronics was founded in 1988.”***

Our company strives to become better in everything we do and to continue empowering everything around us to become better. Every day we always aim to delight our customers and surpass their expectations time and time again.

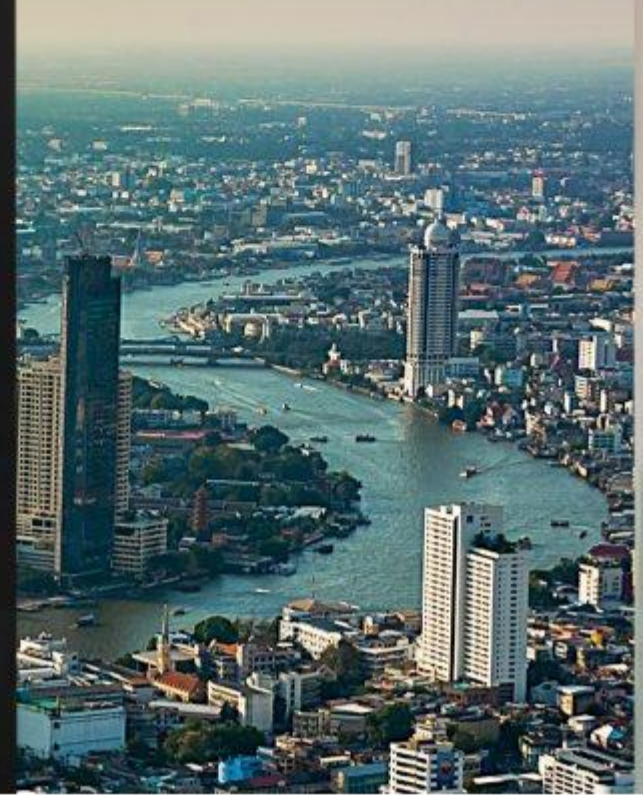
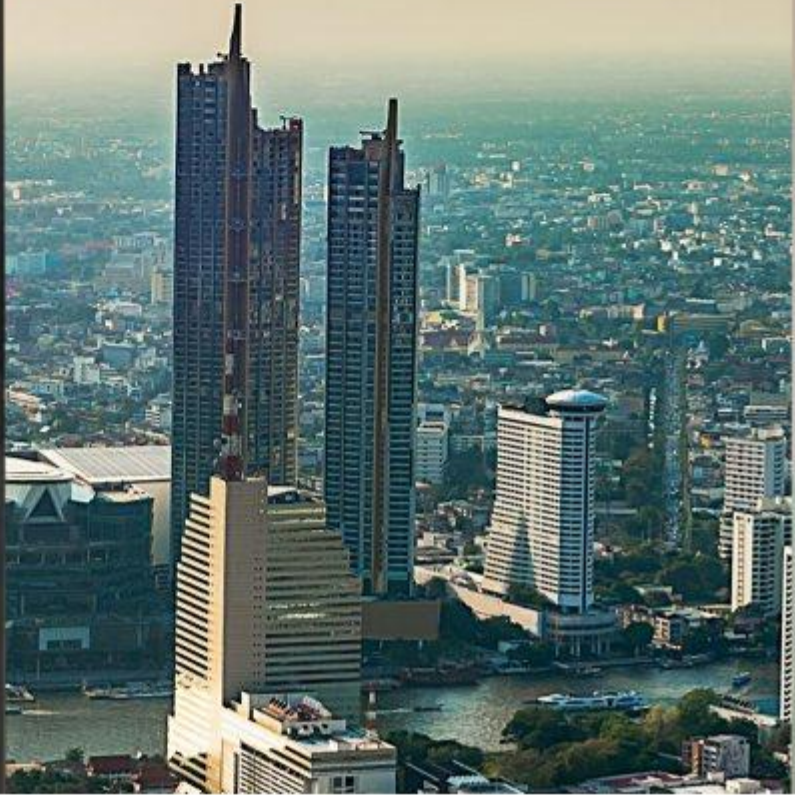
Thailand - Smart Ele

KV Electronics has its roots in Thailand, a country located at the heart of the *ASEAN Economic Community (AEC)* and is now known as one of largest economies in Southeast Asia with a strong foundation in being a connecting hub to fast-growing neighboring countries and world's burgeoning economies.

The origin of **KV Electronics** homes at one of the world's prime locations that is a stone's throw away from global economies, abundant with digital connectivity, excellent living standards, quality business infrastructure and a highly skilled labor pool. These factors make KV Electronics an outstanding choice as your business partner.

KV Electronics is now operating under the government's comprehensive policies and investment incentives that make our comparative advantages stand out from others. This makes our business premise the preferred location in the region for Offshore and Onshore Manufacturing.

Electronics Industry



Thailand & ASEAN a place called home



THE ASEAN ECONOMY PRODUCES AROUND USD 3 TRILLION OF OUTPUT PER YEAR, MAKING IT ONE OF THE WORLD'S MOST SIZABLE MARKETS. THE GROWING CONSUMER DEMAND WILL SPUR NEW TYPE OF PRODUCTS NOT JUST WITHIN THE E&E CATEGORY ITSELF, BUT ALSO IN OTHER INDUSTRIES/PRODUCTS THAT ARE ALSO BECOMING DIGITALLY TRANSFORMED, SUCH AS THE AUTOMOTIVE INDUSTRIES, WHERE DIGITAL COMPONENTS ARE REPLACING ANALOG EQUIPMENT. SINCE THAILAND IS ALSO ONE OF THE LARGEST AUTOMOTIVE PRODUCERS IN THE WORLD, E&E PRODUCERS WILL SEE THAILAND NOT ONLY AS A HUB FOR PRODUCTION, BUT ALSO FOR POTENTIAL MARKET.

A photograph of two men in professional attire looking out a window. The man in the foreground is wearing a dark suit, a white shirt, a blue tie, and glasses. The man in the background is wearing a dark suit and has a beard. They are both looking towards the right side of the frame. A blue semi-transparent box is overlaid at the bottom of the image, containing white text.

“More than 30 years, we do nothing else, but to continue empowering the power source of YOUR ELECTRONICS.”

OUR VISION

Lean >> Innovation >> Green

KV Electronics – A whole family envisions a better tomorrow for all. We know we are better off and can be different from how we are now. Our vision is not something imaginarily table out to the public, we do intend to make it real, achievable, and powerful.

“We are all united by the same visionary objective, a company embraces lean principle, continuously innovates, and commits to the green economy.”

Our vision is to revolutionize the manufacturing, engineering process, and supply chain to deliver the most reliable products and services to stakeholders. KV’s Vision of LEAN, INNOVATION, and GREEN is well articulated by the definition of creating a sustainable and resilient business that continues empowering the power source of your electronics. Elevating product excellence through innovations, manufacturing processes, leadership capabilities, and talented workforces, is called a balanced approach to determine the success of our vision.

KV Electronics has reaped the benefits of moving towards “lean, innovation, and green” manufacturing with an ambition to architecture a better living enriching eco-community, public safety, and healthy consumption for all. We are taking responsibility for holding a torch of vision to light up the future for all, this is a promise that drives us to make the safest products manufactured using state-of-the-art innovations that are technologically designed and developed together with the operational processes that are engineeringly stabilized having the least negligible negative impact on the environment.

Our company is built on a solid foundation for the success of all. We believe a strong combination of human power, environmental practice, and quality performance spearheaded by lean-innovation-green philosophy, commitment, and leadership as structured within an organization - we can achieve our vision.



**“We promise to continue producing
The Most Quality Electrical Safety Magnetic
Components to keep YOUR FAMILY safe.”**

The Management Commitment



“We have a strong desire to continue developing state of the art in process, system and operation to produce The Most Quality Electrical Safety Magnetic Components for world’s future electronics and the generations to come.”

We all make QUALITY

Striving to redefine the standard of excellence

We promise to **“Empowering Your Electronics”** with state-of-the-art manufacturing technology designed and developed to produce world-class magnetic components based on the principle and technique of Automation Simplification.

Simplify Before It is Automated is the concept that makes what we do a success. Everything we do for operational excellence; we start with this thought:

Our QAULTY is proven the quality excellence and standard **(ISO9001 and ISO14001)** by TÜV Rheinland Group, an internationally recognized Certified Assessment Evaluator.

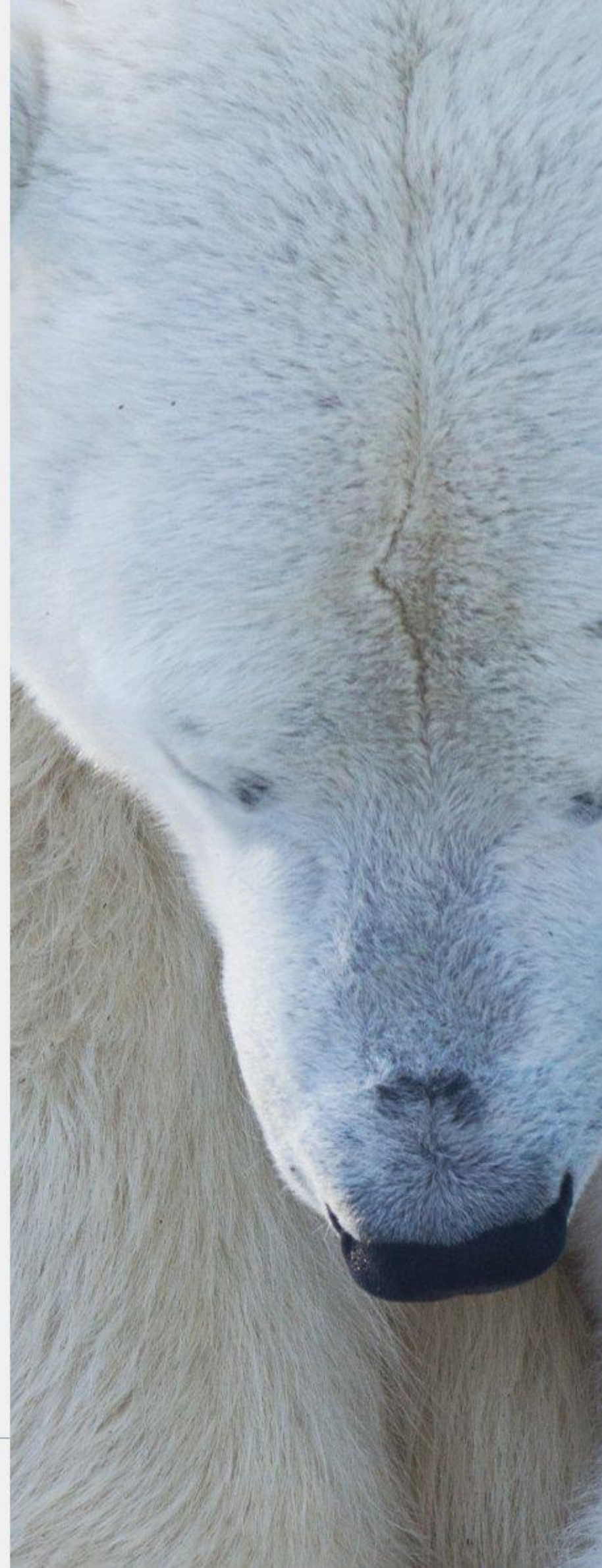
“Simpler processes are easier and less expensive to automate than complex ones.”





We are Environment Keeper

We are committed to continue making the most reliable production process and operational handling of magnetic components manufactured at a factory shop floor while being environmentally friendly and meeting international standards on hazardous substances. Whenever we produce a single product or service for a customer, it is to ensure that our deliverables meet all the customers' requirements and comply with the industry's environmental and safety directives, laws and regulations.



A close-up photograph of a dog's belly, showing a large white patch on a brown and white coat. The dog's paws are visible at the bottom of the frame.

**You Know We Care
because there is no
PLANET-B**

Green Dream Statement

For KV Electronics - We're all ensuring the collaborations that a company has the technical experiences and capacities to effectively deploy solar rooftop potential and committing to continue using any possible renewable power sources in according to Thailand's commitment pledged at the United Nations Climate Change Conference (COP26) in Glasgow, Scotland to reduce national greenhouse gas emission by reaching carbon neutrality in 2050 and net zero GHG emissions before 2065 including having 15 million Electric Vehicles in a country by 2035.

ACHIEVING A ZERO CARBON FUTURE



KV Electronics
empowering your electronics



**Nature-Inspired Technology and
Green Innovation are the future of
World's Manufacturing**



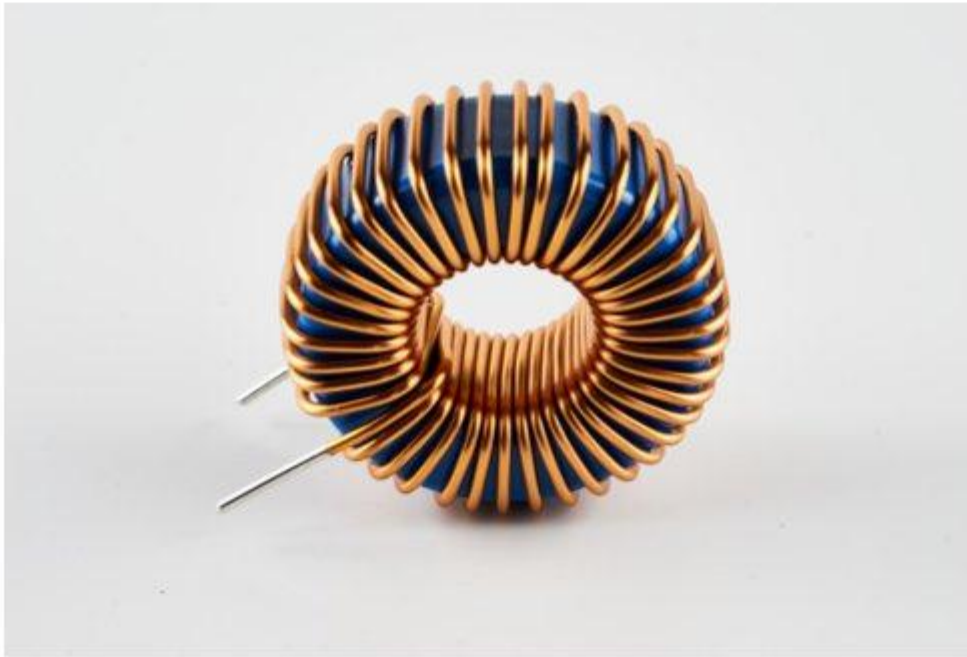
Process To Be Sustainable

Be different and stand out

Emphasizing the cases of Activity-Based Production and a cost-plus calculation business, and to shift the project-based costing to a more productive approach of Value-Based Setting that standardizes the norm of any hi-tech parts manufacturer and takes on the next industrial paradigm towards The Fourth Industrial Revolution (Industry 4.0). KV Electronics reshapes its operational readiness and prepares to deploy advanced innovations in Automation Simplifications to revitalize traditional industrial setups and manufacturing practices by using a large scale, modern Information Technologies (IT) that include Machine-to-Machine Communication (M2M), Machine Learning, Artificial Intelligence (AI) and the Internet of Things (IoT) which are the latest digitization tools available for a business.

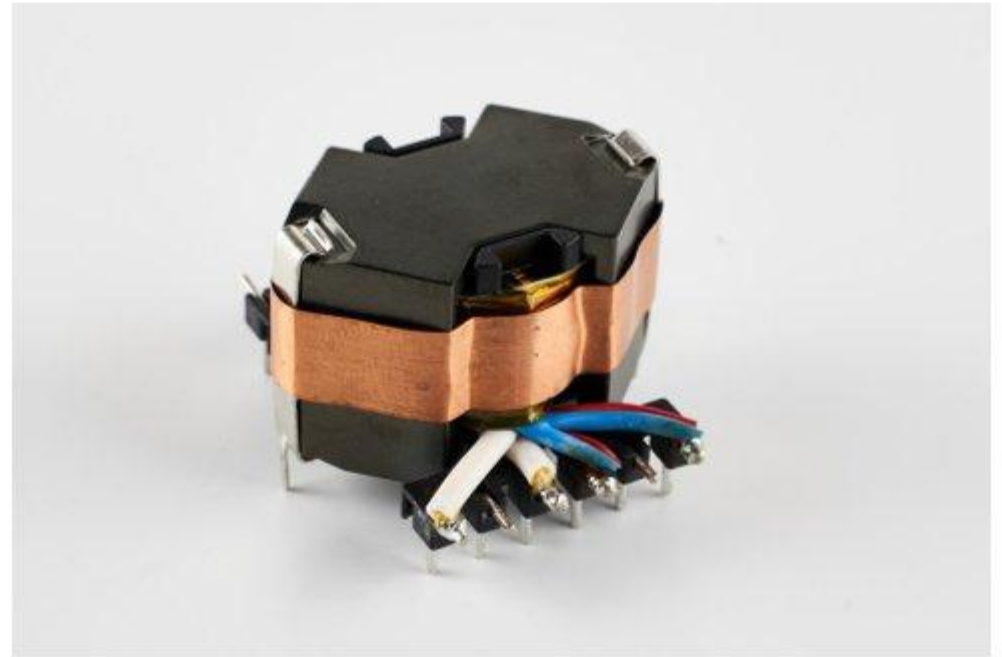
Our Product Magnetics Components

We are thinking ahead to prevent the failures



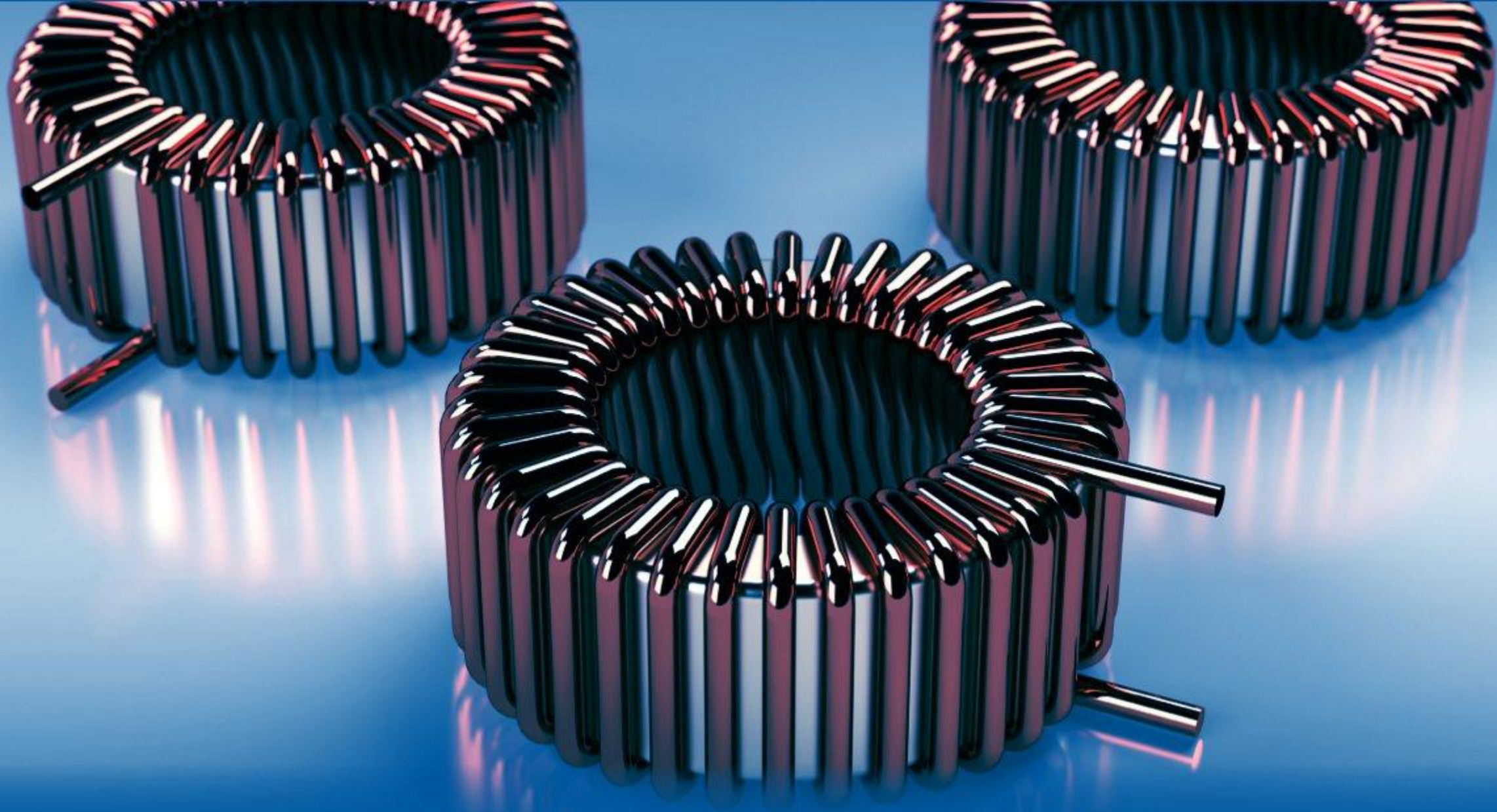
Inductors

An Inductor, also called a coil or reactor, is a passive two-terminal electrical component that resists changes in electric current passing through it. Inductors are used in analog circuits and signal processing benefiting applications in power supply, electric utility and radio frequency. They are normally used with power supplies and power management applications.



Transformers

A transformer is a magnetic component with more than one winding that is used to “transform” voltages and currents applied to the primary winding to other voltages and currents present on the secondary windings.

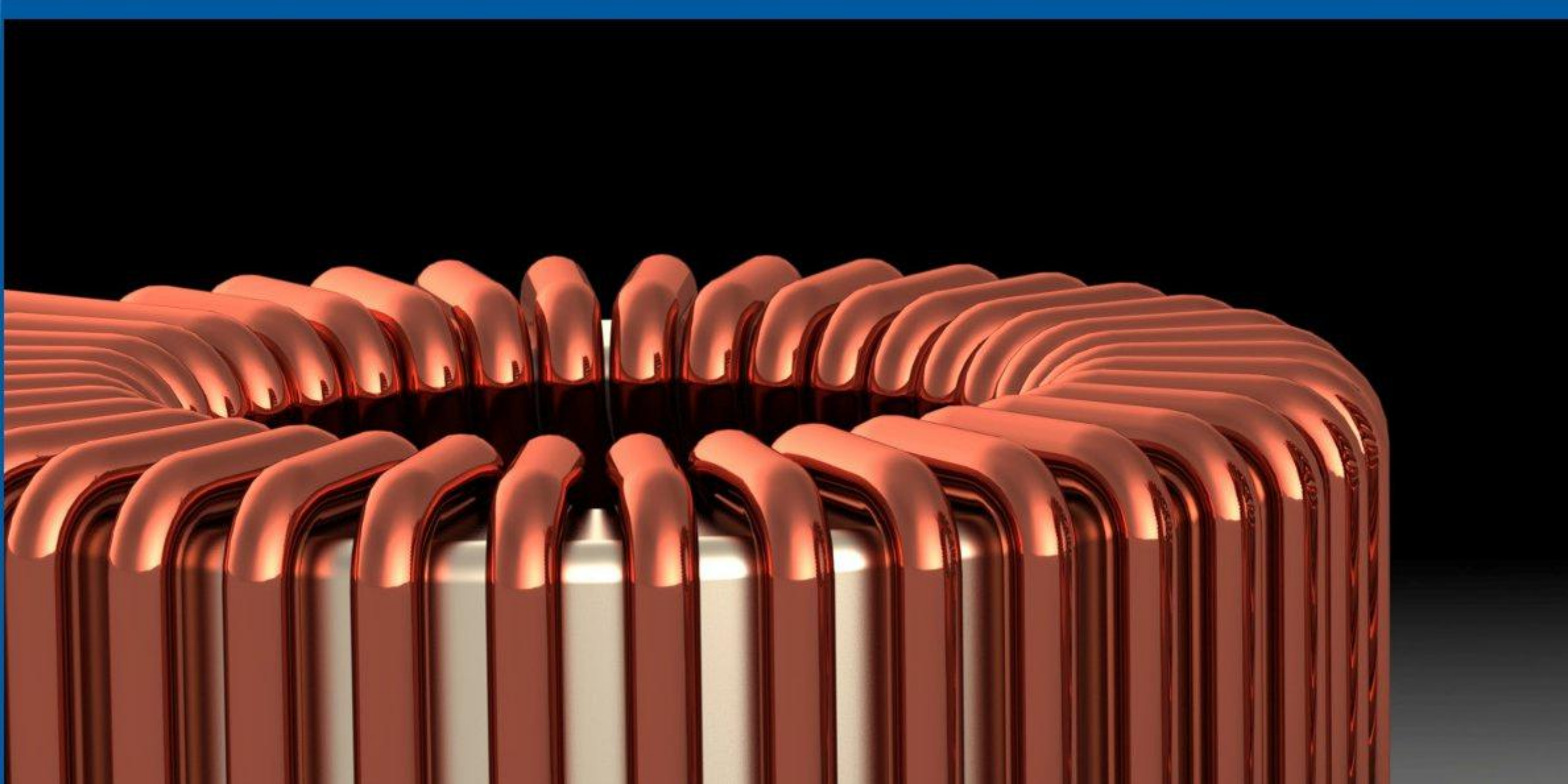
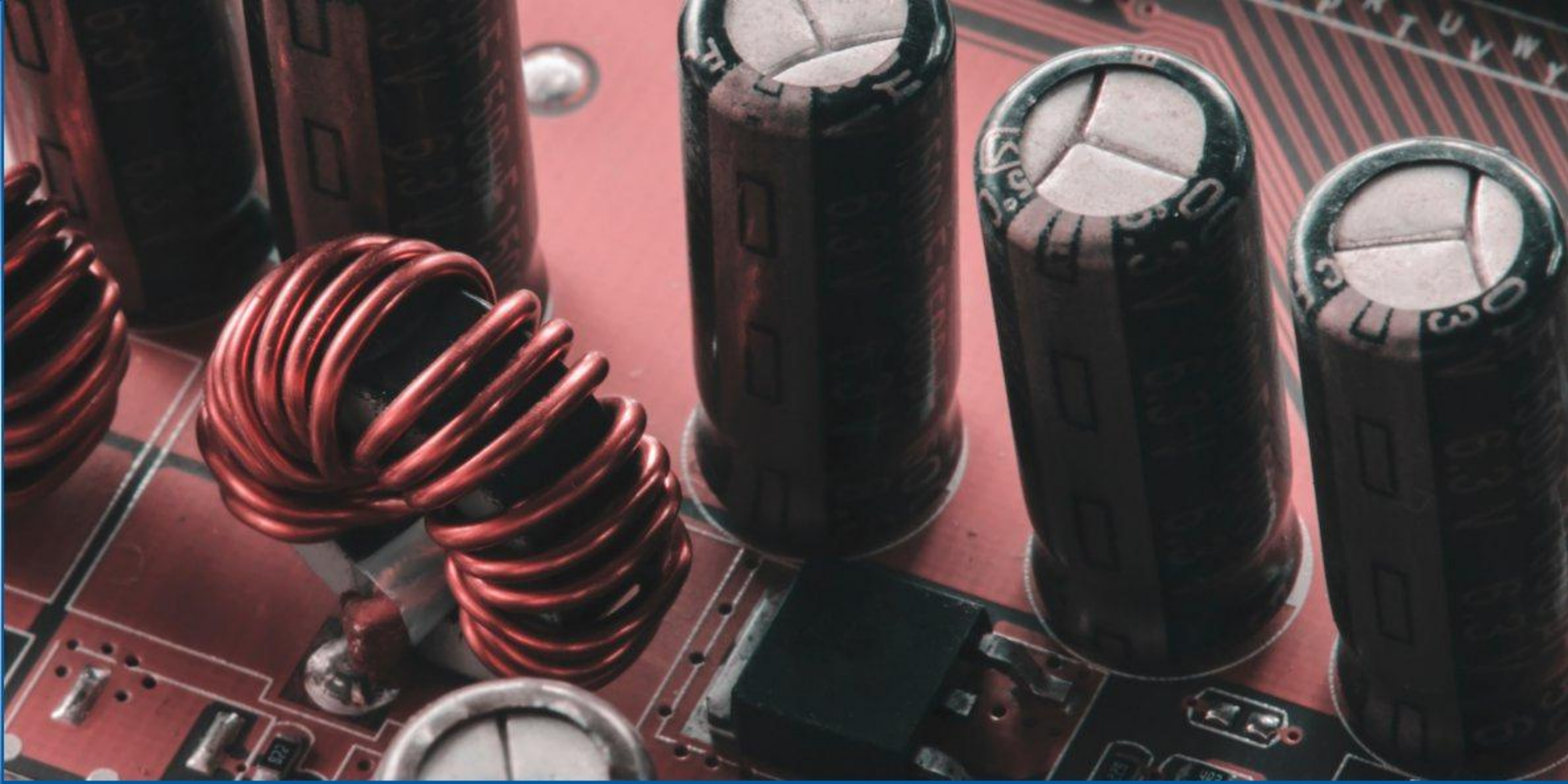


KV Electronics

We make our Magnetic Components through the design and implementation of operational strategies that will stand the test of time. We take a holistic approach value of your product customization and help fostering the quality culture that creates a lasting impact to your customized products. We innovate our operational excellences meeting global industrial standards and welcoming a small-to-medium batch production.

“It is not only to make the most customizable magnetic components for your product designed and manufactured, but we make also the most affordable and reliable products you can trust.”





Innovative Semi-Automation

AUTOMATION SIMPLIFICATION



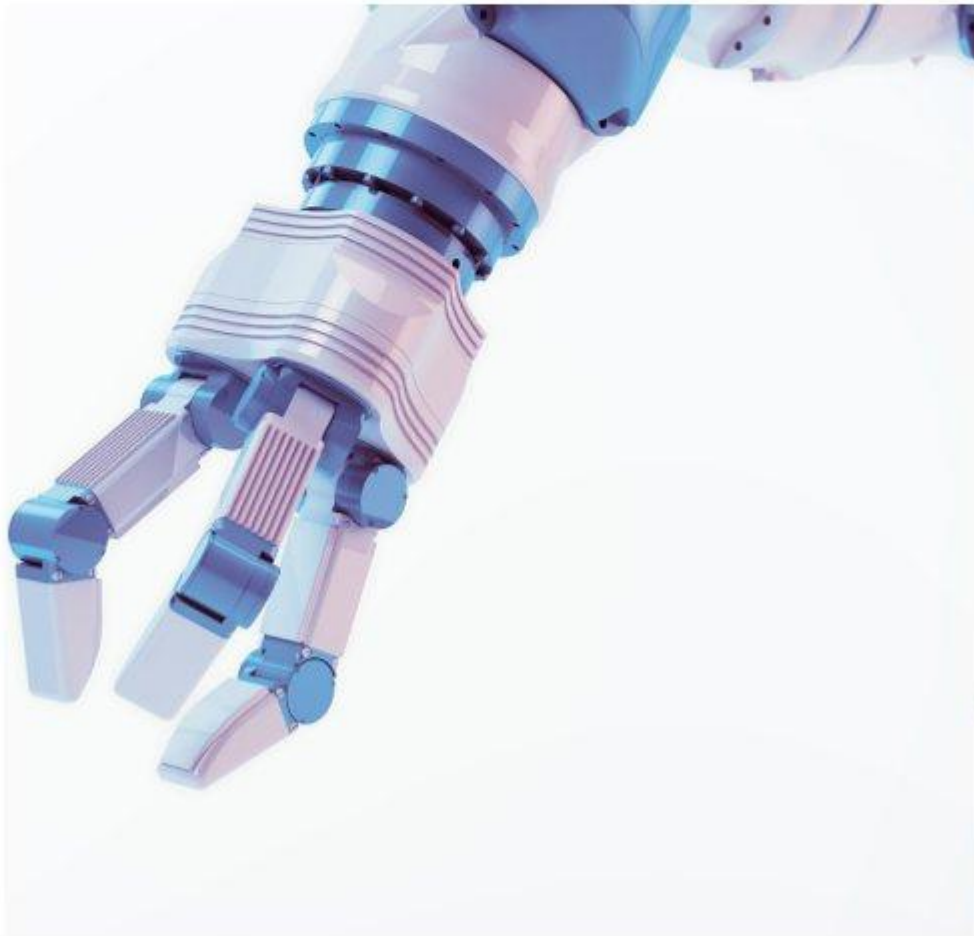
Simplify Before It is Automated This is the concept that makes what we do a success. Everything we do for operational excellence at KV Electronics, we start with this thought: “simpler processes are easier and less expensive to automate than complex ones.”

“Successful Automation Simplification at KV Electronics comes from the continuous improvement that follows the steps of simplifying the process, standardizing the process and then making the automation.”

We keep our promise to scale up sustainable innovations and continue helping you live life to the fullest and to keep your family safe by empowering the world's electronics around you with the masterpieces of our power-sourced components. We have years of experience to make better products and reliable services you can trust which is more than just a promise. It is also about ensuring that it's about making and delivering good quality.

We understand the right proportion that drives productivity and performs cost-effective operations. Integrating our business model, organization and technology - our leadership sets a goal and positions our organization of all areas in a business to reap the full benefits of the latest Industrial Information Technology, Digital Analytical Tools, the Internet of Things and Industrial 4.0 Approach.

KV Electronics makes it possible to automate the production line and to simplify numerous business aspects



Oriental theory of quality assurance that makes us better, this is inherent in a core value of KV Electronics, a Japanese word of Kaizen, this means “Change for Better”. For us, we interpret the meaning of Kaizen and execute this philosophy in a way “to continue improvements in everyday use and in everyday life”. We intend to make use of this concept referring to any business activities that must continuously improve all functions and to involve all employees from the leadership to our operators at the production line.



Automation is affordable and available for everyone, but the concern of many is how to make it a success. To be good at automating, KV Electronics simplifies by removing all non-involved parts, waste and steps that do not need to be a part of a decisive process. Thereafter, the targets are set for Automation Deployment that helps the selection of automated tools and techniques becomes more foreseeable, accruable and accessible. Our targets are not only a success in business of having the cost reductions and On-time Delivery Performances through actionable intelligence to enhance a logistic and supply decision making, but we intend to improve the OEE-Overall Equipment Effectiveness by automatically driving processes and activities through real-time data analytics.

KV Electronics in Numbers

The Difference We Make - Numbers that build TRUST in a relationship, this is the evidence proven how we keep our promise to deliver the most reliable products and services to make a difference in your everyday life.



34

Years in Business



5534

Model Part Produced



12

Robots/100 Employees



100%

On-Time Delivery

Our Strategic Business Unit

“By being the most result-oriented partner, we are driven to become the most reliable company and a total solutions provider on quality products and services comprised of three (3) main businesses.”



KV Magnetics



KV E-Solution




KV E-Hospital

OTD - It's not just about customer satisfaction...



We believe On-time delivery (OTD) is a very powerful and key metric in any manufacturing organization. We continue analyzing OTD allows decision-makers to assess the delivery performance and efficiency of the supply chain.

A man with dark hair, wearing a black suit jacket over a black button-down shirt, is standing in an office. He is holding a black mobile phone to his ear with his right hand and gesturing with his left hand. The background shows a large window with a view of a modern city skyline. The lighting is bright and natural, suggesting daytime.

We are the Master of your Small to Medium Product Customization

“Growing your business with us
- For us, it’s not just about making
the most customizable magnetic
components for your product,
but we also make the most
affordable and reliable products
you can trust regardless the
sizing volume.”



Because we know you **dream big** but **start small**

One of the biggest challenges for those who make and sell Electrical and Electronic products is - how to find the right manufacturing partner to empower the power-electronics of your product, a partner who understands the change is inevitable and knows the nature of demand, supply and time of market entry.

For many, especially the unique products and newcomers to the market that cannot find yet a linear demand curve of the business forecast - having too much of a particular product manufactured is nothing, but a liability.

KV Electronics exists to serve your unmet needs. We provide the most cost-effective production catering the line set-up and preparing the facility fit-up matching and controlling your costs right at the start.

Your Trusted Business Partner

KV Electronics optimizes the production process. Our team innovates the operational technologies that fit the core of producing productivity in mass-customization environments. We provide the advantages to take your product's uniqueness to the next level and make it stand out from the competition.

Your Teammate

Working with the Industry's Best



Business solutions should not be one-size-fits-all, we are committed to develop our employees to become experts while valuing teamwork. Our employees are trained by professionals who are ready to deliver solutions to customers that face varying challenges.

 KV Electronics
empowering your electronics

 KV Electronics
empowering your electronics



KV Electronics and its employees are committed to providing the showcasing processes and the most trusted supply chain services whether it's high-precision turning-winding process, end-to-end part handling, global part sourcing, material procurement, assembling operation or even finishing processes for final product at the end-of-line for quality control. We ensure that KV Electronics' tailor-made processes and solutions make it possible to automate almost any conceivable handling operations of end-to-end product manufacturing and supply chain service.

KV Electronics makes it possible to automate the production line and to simplify numerous business aspects - businesses will enjoy reduced costs, waste elimination and to produce quality products and reliable services to our customers. However, the automation intends to be in full operational capability that makes the controls over the quality targets and to ensure that all performances of the interested parties succeed and be recognized within the framework of an environmentally friendly manufacturing policy.

Our regular maintenance and calibration assessment program is also introduced to the production as it plays an important role in the surveillance system and is put in place as the preventive quality assurance to resolve health and safety issues for the operators who will no longer need to lift, touch that could lead to exposure to any dangerous parts/processes which all involve strenuous and repetitive manual work that can be easily done more effectively by installing automated systems.



Growing Together



For KV Electronics - Sharing knowledge is essential for us, not only does it increase productivity that leads to growth for all business tiers, it also empowers our employees to do their jobs effectively and efficiently with the know-how shared from other industry leaders.



Knowledge sharing is embedded in our corporate culture to help our employees to unleash their potential. Everyone can work faster and smarter by getting easy access to a pool of insight, resource and expertise wherever and whenever they need it.

This is our core value that has evolved from openness, collaboration, and empathy among our employees and with the industrial communities. We believe in growing together through hardship and to celebrate when the work gets done, this defines the most fundamental expectation we have for one another and for society.





KV Electronics
empowering your electronics



www.kv-electronics.com

KV ELECTRONICS CO., LTD.

T. +66(0)2108-8521, F. +66(0)2701-2966, E-MAIL SIRIRUK@KV-ELECTRONICS.COM

988 MOO 2, SOI THETSABAN BANGPOO 60, SUKHUMVIT ROAD, TUMBOL THAI BAN, AMPHUR MUANG, SAMUT PRAKAN 12080 THAILAND

