

# POWER MAGNETICS

Innovative components for efficient  
and safe charging technology

- | Common Mode Chokes
- | LLC Modules
- | PFC Modules
- | Transformers
- | Components for Current Transformers



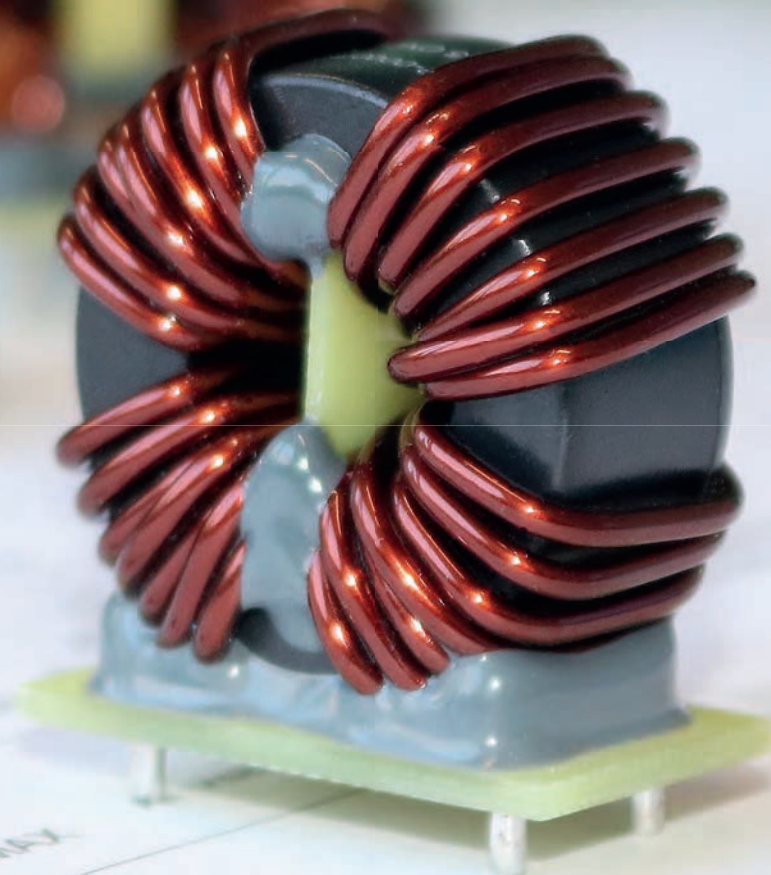
**ELECTRIFIES**  
AND CONNECTS  
since 1993

[www.alacmagnetics.de](http://www.alacmagnetics.de)



# ELECTRIFYING AND CONNECTING

We provide the necessary resources  
for your next great product



“Our solution targets at your relief.  
With us, you no longer have to worry about winding goods  
and inductive components – we take care of that!”

Kay Naber  
CEO, ALAC GmbH



## We support you as a **SOLUTION PARTNER** AND **INITIATOR**

Join us in the fast lane

We have been a specialist in the field of electronic assemblies and tailor-made connection solutions for cars for over 25 years. From development and production to experience as a result of intensive and long-standing cooperation with tier1 and tier2 suppliers to the automotive industry, our comprehensive expertise makes us the ideal partner for your projects. Our manufacturing capabilities and our global positioning enable us to flexibly adjust the volume of the products as desired.

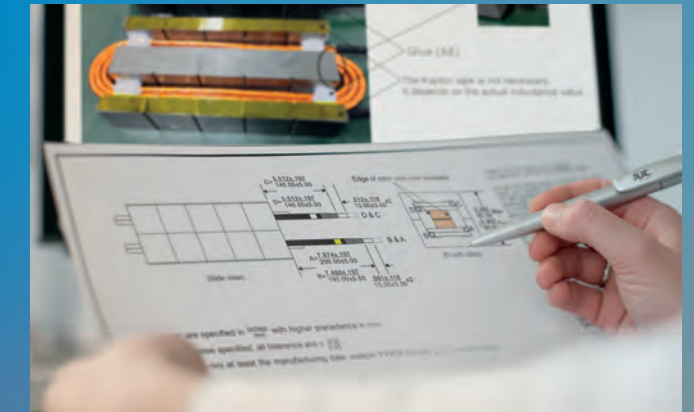
### Our strengths

- | Cooperative and trustful cooperation
- | Flexible and scalable production capacities
- | Automotive quality standards
- | High vertical range of manufacture



### From concept to series production – from a single source

- Concepts and implementation according to IATF 16949
- Design for manufacturing
- Prototype and sample construction
- Ensuring high product availability
- Material checks (IMDS / REACH / RoHS / Conflict minerals)
- Global Sourcing
- Process monitoring and control
- Quality monitoring and optimization
- Process and product optimization
- Logistics, warehousing and customs
- Processing complaints



Depending on requirements we supply  
the latest components or alternatively,  
we integrate them in complete systems.

You will not find our products in any catalog, but in numerous applications of our customers who value our technically and economically solutions – 100% tailored to the requirements and the respective application. Our longtime engineering expertise and automotive thinking will ultimately help you to manufacture better and more innovative products that will prevail on the e-mobility market.

We offer optimized added value  
through assembly production

- | Perfectly matched components and materials
- | Stamped parts in combination with plastic or metal
- | Application-specific solutions for an optimized process in production and further processing
- | Combination of different connection technologies such as Pressfit (BIZON® and WICON®)

We have the knowledge and  
the competence to use the  
key technologies

- | Core materials
- | Core characteristic
- | Windings
- | Plastics
- | Contacting

- Common Mode Chokes
- LLC Modules
- PFC Modules
- Transformers
- Inductors for DC converters
- Current limiter for DC converters
- Transformers for power transistors
- Components for Current Transformers
- Wireless Charging Modules





# CUSTOMER-SPECIFIC WINDING GOODS

For Wallboxes, Charging stations and On-Board-Chargers



Your innovative partner for

## DEVELOPMENT AND MANUFACTURING

From concept to series production

- | Customized Connectors
- | Wire Harnesses
- | Overmolded housing / Hybrid Components
- | Electronic sub-assemblies
- | Inductive Components



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