



A family company with a future based on traditions



NORWE®

As a family company, we still feel beholden to tradition, but also to the technological challenges of the future, which is something we cannot compromise on. We have an international position, a global way of thinking and a way of working which is environmentally-aware, sustainable and customer-focussed.

Industry 4.0 together with the digital revolution are the central issues facing all sectors of industry without exception in the 21st century. But it is especially relevant to our branch, which is the production of highly qualified passive components and elements for electrical engineering and electronics.

At a very early stage, we braced ourselves for the challenges of increasing digitalisation across all areas of the company and are now well-equipped to meet them, partly through our comprehensive standard range of around 25,000 coilformers and components, partly through our knowledge and experience of the new technologies and what individual designs and parts developments they require.

We support all phases of the technical product developments of our customers with integrated solutions all the way through to series production. Of course, the framework conditions to create a relationship based on trust are also spot on with us, with the necessary quality certifications in accordance with ISO 9001:2015 and UL 746D and an environmental management system in line with ISO 14001:2015.

A reliable team of qualified, long-serving employees who form the heart of the company guarantee consistently high NORWE quality and compliance with all environmental requirements. This is our recipe for success in guaranteeing the utmost customer satisfaction. At the same time, we are represented at the world's leading specialist shows for the industry as NORWE GmbH or its subsidiary NORWE Inc.

René Weiner | NORWE GmbH, Deutschland

Peter Weiner | NORWE Inc., USA

A reliable partner for over 60 years

- | | | | |
|-------------|--|-------------|---|
| 1956 | Foundation of single company in Lüdenscheid by Norbert Weiner, production of small electronic devices | 2006 | Anniversary year: 10 years of NORWE USA and 50 years of NORWE Germany |
| 1961 | Production of the first standard coilformers from thermoplastics with modular tools, still one of the NORWE highlights | 2007 | Set up of a DIN EN ISO 14001 environment management system Gritta Weiner retires and a new generation joins the management |
| 1964 | Relocation of company headquarters to Bergneustadt | 2012 | AEO certification for export granted |
| 1978 | Conversion of single company into a family GmbH (limited company) – Managed by Gritta and Norbert Weiner | 2014 | Development and production of the first LDS coilformers |
| 1988 | Beginning of production of NORWE components in Tunisia | 2016 | 3D printing for prototypes and series production New, responsive website for mobile devices |
| 1993 | Norbert Weiner retires | 2017 | Recertification to DIN EN ISO 9001:2015, DIN EN ISO 14001:2015 Updated company policy |
| 1994 | Expansion and DIN EN ISO 9001 certification | 2018 | Departure of Marlene Weiner Expansion of capacity of production lines |
| 1996 | Foundation of subsidiary NORWE Inc., USA – Managed by Peter Weiner First internet sites at .de and .com | | |



NORWE Quality – ISO 9001

Reliable quality in serial production since 1994

Over 25,000 standard components for a wide variety of applications – NORWE has made an outstanding name for itself in the industry.

National and international companies in various fields trust in the NORWE standard; i.e. certified quality compliant with DIN EN ISO 9001:2015 – high and reliable product quality for maximum production and functional safety for the customer.

But quality at NORWE also means rising to technical and logistical challenges and responding to individual customer needs in a wide variety of fields.



NORWE Traceability – UL 746D

UL 746D certification since 1997

UL 746D is an international standard from Underwriter Laboratories UL. This standard defines the requirements for identification and traceability for production of items made of plastic materials with a view to providing fast, reliable evidence about the identification of the plastic material used.

Compliance with the UL 746D guidelines is monitored by means of regular unannounced inspections by UL employees – normally 4 times a year.

In accordance with UL, all plastic items used must be made by a manufacturer certified in accordance with UL 746D in order to reflect the process chain for materials and processing. NORWE has had uninterrupted UL 746D accreditation since 1997.



NORWE Environment – ISO 14001

Environmental protection in coilformer production since 2007

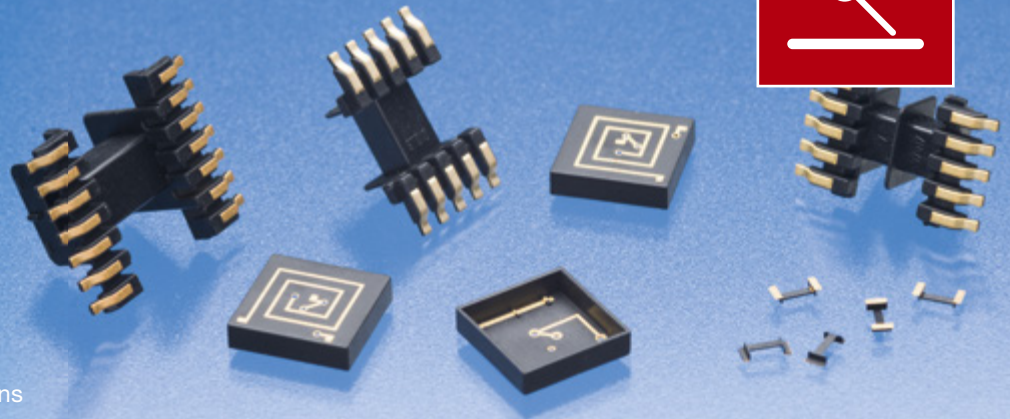
In the knowledge that all activities with and around the products have a direct or indirect influence on the environment, environmental protection is treated sensitively and lived actively and is continually improved. The introduction of an Environmental Management System and the certification compliant with DIN EN ISO 14001:2015 underline the high importance of environmental protection for NORWE.

We design and implement your innovations.

LDS – Laser-Direct- Structuring

**Downsized components –
optimal coplanarity –
without expenses for a
pinning technique**

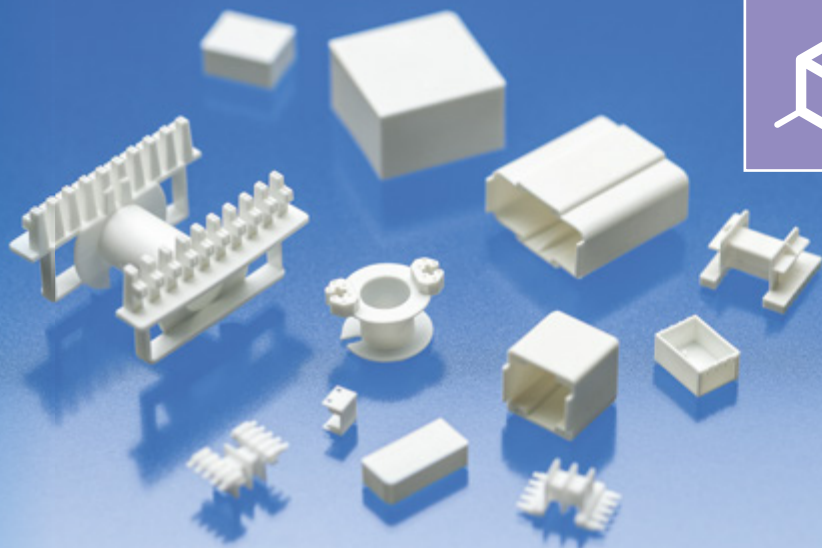
NORWE uses this method amongst others for SMD-components of the SMD3-series and already for solutions to customers' specifications.



3D-Printing

**For optimum product
development and
for small series**

Selective laser sintering (SLS) is the production process currently used by NORWE, as this technology is ideal for prototypes and small series (rapid manufacturing).

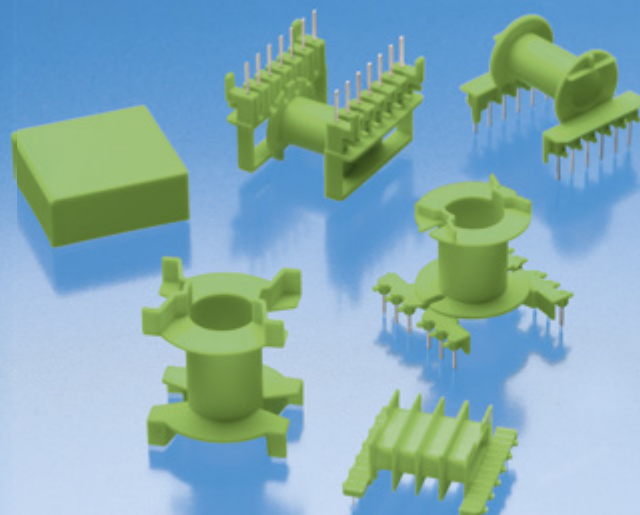


Biobased Polymers

**The challenges lie in
temperature resistance
and flame protection**

NORWE is following the development of biobased polymers very carefully.

Biobased polymers are already an interesting prospect for areas of application with a lower temperature load, or from an ecological point of view.



Your developments enjoy absolute protection with us.

Take advantage of the experience and know-how of our team of specialists. In close collaboration and consultation with you we design and manufacture your innovations functionally and economically. Based on our certified Environmental Management System our products are always of certified quality and

optimized to meet your requirements, from small quantities to large-scale production. And irrespective of whether your developments are intended to protect and safeguard a competitive advantage, or are part of a patent application, they enjoy absolute protection with us.

These industries appreciate both – our solutions and our special know-how, starting together in the development phase.



Lighting technology



e-mobility



e-motor technology



Automotive suppliers



Telecommunications



Sensor technology



Medical technology



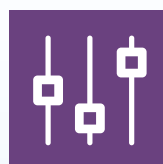
Aerospace



Industrial electronics



Alternative energy supply



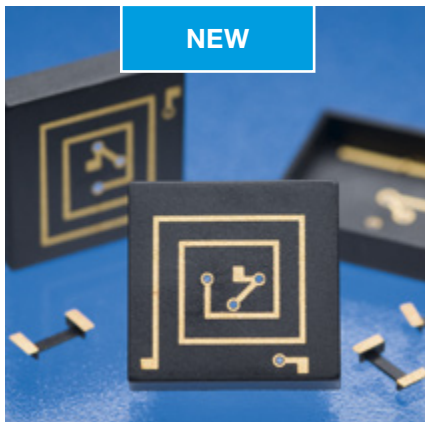
Automation technology



Transformers manufacturing

Standard product range

NEW | EE/M | ETD/EER | RM | PQ | EC | PC | SMD | EFD | EP | U | UNI | M-EI-UI | EI/UI | PLANAR



NEW



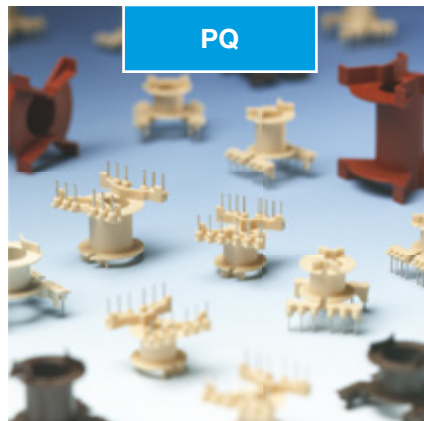
EE/M



ETD/EER



RM



PQ



EC



PC



SMD



EFD

NEW
NORWE Coilformers
and Components –
Our latest products

EE/M
EE 8 - EE 32
M 20 - M 74
E 20 - E 80

ETD/EER
ETD 19 - ETD 59
EER 28 - EER 54L

RM
RM 4 - RM 14

PQ
PQ 16 - PQ 107

EC
EC 35 - EC 120

PC
PC 9x5 - PC 70x42

SMD
EE 5 - EE 20
EFD 10 - EFD 30
ER 9,5 - ER 14,5
EP 5 - EP 13
EPX 7 - EPX 10
RM 4 - RM 6
PC 4,6x4,1 - PC 9x7
TR-SMD carriers
GP-SMD bases
SMD potting boxes

EFD
EFD 15 - EFD 30

EP
EP 7 - EP 20

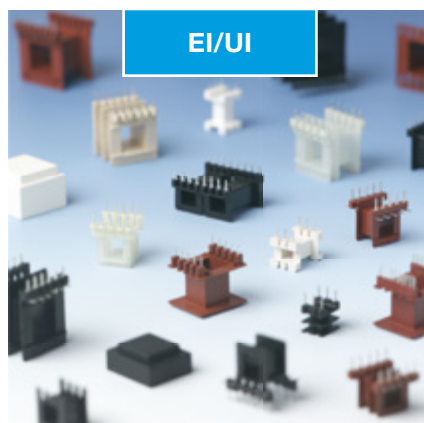
U
U 10 - U 25

UNI
EE 25-8 - EE 25-11
EI 30-5 - EI 66-23

M-EI-UI
M 20 - M 102b
2UJ 48b

EI/UI
EI 19 - EI 84b
2UI 30a - 2UI 60b

PLANAR
E 22 - E 64



BOXES

HB/VB Potting Box
RH/RV Potting Box
H-RG/V-RG Potting Box for
pcb mounting
RK-LP Pin-Plate
RK-H Toroidal Core Carriers
Standard Potting Box

STAMP PARTS

Solder-Pins
Solder-Tags

DEVELOPMENTS

NORWE coilformers and components
in the development and planning

SPECIAL DESIGNS

We design and manufacture
your innovations

LIST OF MATERIALS

Overview of the used plastic materials
UL-cards

PRODUCT SEARCH

Expanded search function
PDF-files as downloads
Additional product information
Order examples
Automatic offer function
Sample order

We are at your service – worldwide.



America

- USA
- Mexico
- Canada

Europe

- Germany
- Denmark
- Finland
- Great Britain
- Northern Ireland
- Italia
- Norway
- Poland
- Portugal
- Russia
- Spain
- Sweden
- Switzerland

Asia

- Israel
- China
- Hong Kong
- Japan
- South Korea

Australia

- Australia
- New Zealand

norwe.com | norwe.eu | norwe.de

Responsive website for mobile devices



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