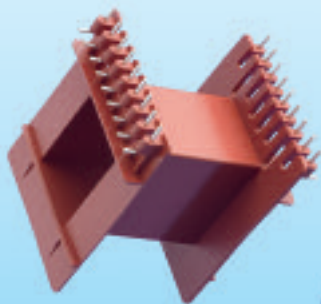


NORWE®



E-2011-2012-2013-2014-2015-2016

A family company with a future – based on tradition

Marlene Weiner
President, NORWE GmbH, Germany:

“Customer-orientation is a reliable concept for success.”

“Selecting qualified suppliers and partners on a long-term basis is crucial if we always want to offer our customers the best. It is the only way of permanently optimizing the price-performance ratio while providing quality, reliability and excellent service. Targeted marketing activities, both internal and external, support my mission to position NORWE as a worldwide coilformer specialist. These efforts are designed to convince customers, especially new business contacts, of our quality and to win their long-term loyalty to our company.”

René Weiner
President, NORWE GmbH, Germany:

“High-level technology gives us the edge.”

“We see ourselves on the market not only as a producer and supplier of highly sophisticated coilformers, but also present NORWE across the globe as an historically evolved independent and competent partner. We take on today’s challenges and create solutions which involve planning, developing and manufacturing a wide range of components, some of which enjoy exclusive customer protection. The smooth implementation of perfected, holistic serial concepts gives NORWE its technological advantage. The experience and know-how of the entire NORWE team along with the modern and high-capacity technical equipment at all production sites are permanently expanded and optimized. Our innovative ideas and tailor-made, patent-protected products are state of the art in coilformer engineering.”



We at NORWE ...



Peter Weiner
President, NORWE Inc., USA:

“Thinking and acting globally – being successful around the world.”

“NORWE will continue its successful path if we manage to respond more sensitively and precisely to the challenges of the world market and offer convincing solutions. Only by intensive research, precise analysis and, in the end, the opening up of new markets can growth be generated and secured in the long term. At the same time, the so-called soft skills such as emotional empathy for the very distinctive national mentalities also play an important role. Close-to-customer advice and service, the ability to react flexibly and rapidly to individual requirements, optimizing the quality and costs of production – this is the only way we can continue to be convincing in a fiercely competitive market and ensure customer satisfaction – worldwide.”



We at NORWE ...



We live in economically unstable times. To be successful in the market of today and tomorrow, a company must have an unambiguous profile, a clear direction and a high degree of competence, including social and political competence. In our business strategy, ecological aspects have a high priority, and at NORWE fairness and partnership are not just empty phrases. This is the background of the position which we in management have taken. Our corporate strategy (which is available for download from our website) clearly and unambiguously defines the values we live by in the company – **quality, environmental safety and communication**. This enables us to provide a long-term assurance that our corporate philosophy – complemented by fairness and partnership – will continue to be a reliable pillar of our market positioning success. Our clear commitment to environmental protection is another example of our corporate social responsibility. At NORWE, this means a sensitive, active environment management system backed up by DIN EN ISO 14001 certification.

The NORWE team – you can rely on us.

Our company philosophy is based on a common identity lived out by everyone from the management team to every department at NORWE. This is the only way to align communication with employee behaviour.

People are treated as partners, both within the company and in direct contact with our customers and partners. In this way we lay the foundation for our long-term success as a business.

In this context, NORWE can point with pride to its energetic and motivated “strong team” which ensures our customers consistently high-quality products and services. The long-serving employees who make up the majority of our staff are a real “asset” on which we can build with confidence.



Targeted staff qualification programs, especially the advancement of young employees with a broad and above-average range of apprenticeships and internships in commercial and technical fields, are seen as sensible investments in the future of the company.

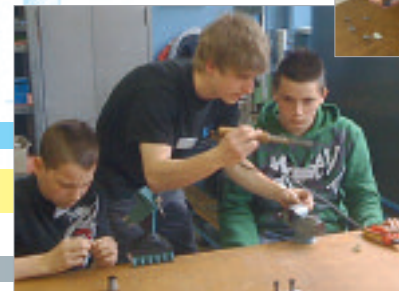


NORWE also gets the “soft skills” right. Whether it is self-organized staff parties, anniversary events or NORWE Kickers football matches – you can rely on NORWE employees. There is never any shortage of supportive and helping hands. A recent discovery which entertained the entire staff and management at the summer festival on 03/07/2010 is *geocaching*, which is a new version of a treasure hunt or scavenger hunt. Contestants are given a Global Positioning System (GPS) receiver and coordinates from the internet and challenged to find the treasure.

Of course, the route around the company headquarters had been carefully worked out in advance by the team organising the game.



The NORWE team makes things happen – in direct contact from person to person



A reliable partner for around 60 years.

One of the world's leading developers and manufacturers of standard coilformers and customized electronic components for the electrical and electronics industry.

- **1956** The company was founded (one-man business) by Ing. Norbert Weiner in Lüdenscheid, production of small electrical appliances

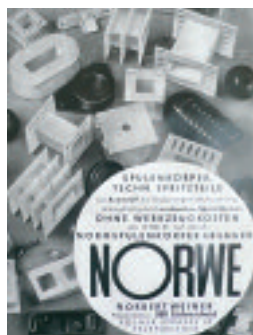
- **1961** Production of the first standard coilformers made of thermoplastic with tools in the modular system, still a NORWE highlight today



Car fans (1957)

- **1964** Relocation of the company headquarters to Bergneustadt

- **1971** Development and production of the first protection class coilformers. Future-oriented patents applied for Europe, USA and Japan.



First product overview (1963)

- **1978** Conversion of company into NORWE GmbH (limited company) – managed by Gritta and Norbert Weiner
- **1979** Start of production of coilformers for ferrite cores
- **1985** Production of the first ETD coilformers (Economic Transformer Design)
- **1988** Start of production of NORWE components in Tunisia

- **1985–1990** New construction and extension activities at the headquarters in Bergneustadt-Pernze
- **1993** Norbert Weiner left for retirement
- **1994** Development and certification compliant with DIN EN ISO 9001

- **1996** The Subsidiary NORWE Inc. established in the USA – president Peter Weiner – and first website with the domains .de and .com

- **2001** “40 years of coilformers” celebrations

- **2005** New coilformer series ETD Ir as a logical, market-oriented advance



- **2006** Anniversary year: 10 years NORWE USA and 50 years NORWE Germany



- **2007** Development of environmental management compliant with DIN EN ISO 14001
Gritta Weiner leaves the management team
New generation joins the management



DIN EN ISO 14001 certification

- **2008** DIN EN ISO 14001:2005 certification

- **2009** DIN EN ISO 9001:2008 certification

- **2010** Company strategy formulated

- **2011** “50 years of coilformers” celebrations
14001/9001 recertification
AEO certification for export

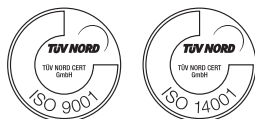


Company strategy

Reliable quality in mass production

Over 25,000 standard components for a wide range of applications – NORWE has built up an excellent reputation within the industry.

National and international companies from various industries rely on NORWE standards, i.e. certified DIN EN ISO 9001:8000 and UL 746D quality, certified DIN EN ISO 14001:2005 environment management system – high and reliable product quality for maximum production and functional safety for the customer.



For NORWE, quality also means taking up technical and logistical challenges and responding to individual customer needs in a wide variety of fields, such as:

- transformer manufacturing
- telecommunication
- light industry
- motor and drive technology
- automotive suppliers
- sensors
- household appliances
- research and development
- alternative energy supply
- medical technology
- aerospace

NORWE designs and implements your innovations



Benefit from the experience and know-how of our specialist team. We work in close partnership to design and implement your innovations, making them functional and economical.

We manufacture to a certified quality based on our certified environment management system, with everything optimised to suit your needs, whether small quantities or large-scale production.

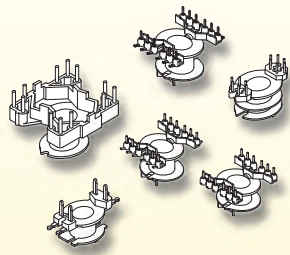
Irrespective of whether you want to obtain and secure a competitive edge or apply for a patent – we provide your developments with no-compromise protection.

Special designs optimised for your specific applications

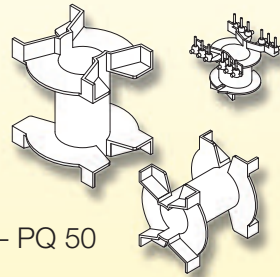
- Individual components and compatible modules
- Flexible tool changes to produce a range of different versions of your component
- Cost-effective modification of details of existing NORWE products, e.g. to optimise your production process
- Support for complex product developments, e.g. by prototyping or simulation

State your requirements – we will be happy to advise you and provide concrete assistance even in an early phase of your product development.

Components for power conversions

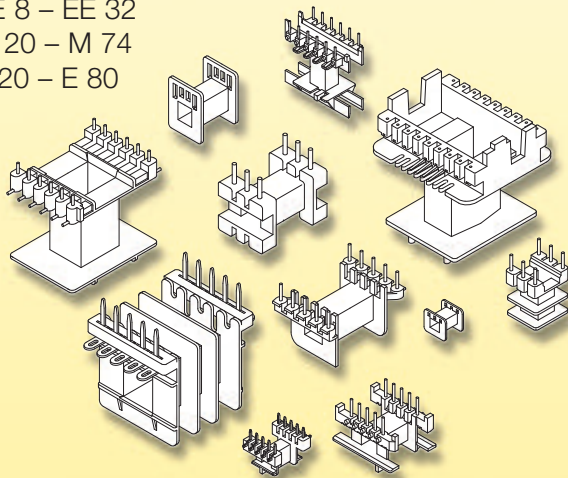


RM 4 – RM 14

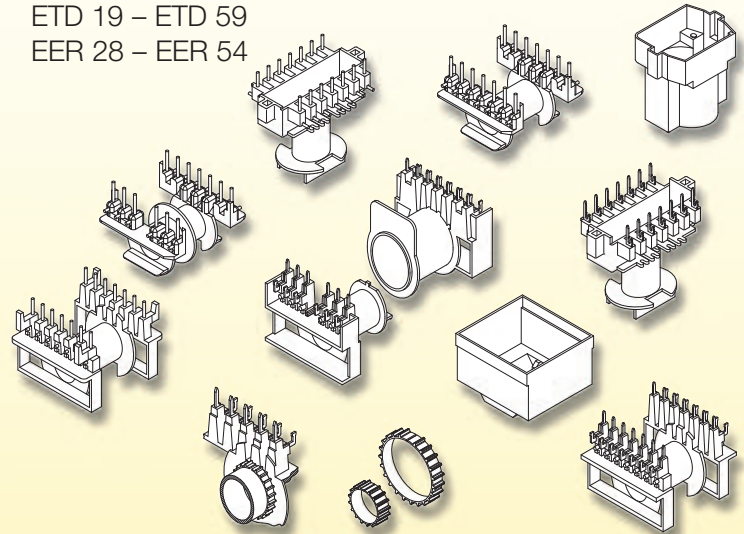


PQ 20 – PQ 50

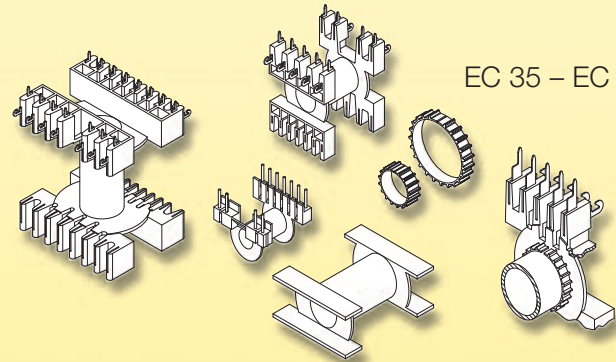
EE 8 – EE 32
M 20 – M 74
E 20 – E 80



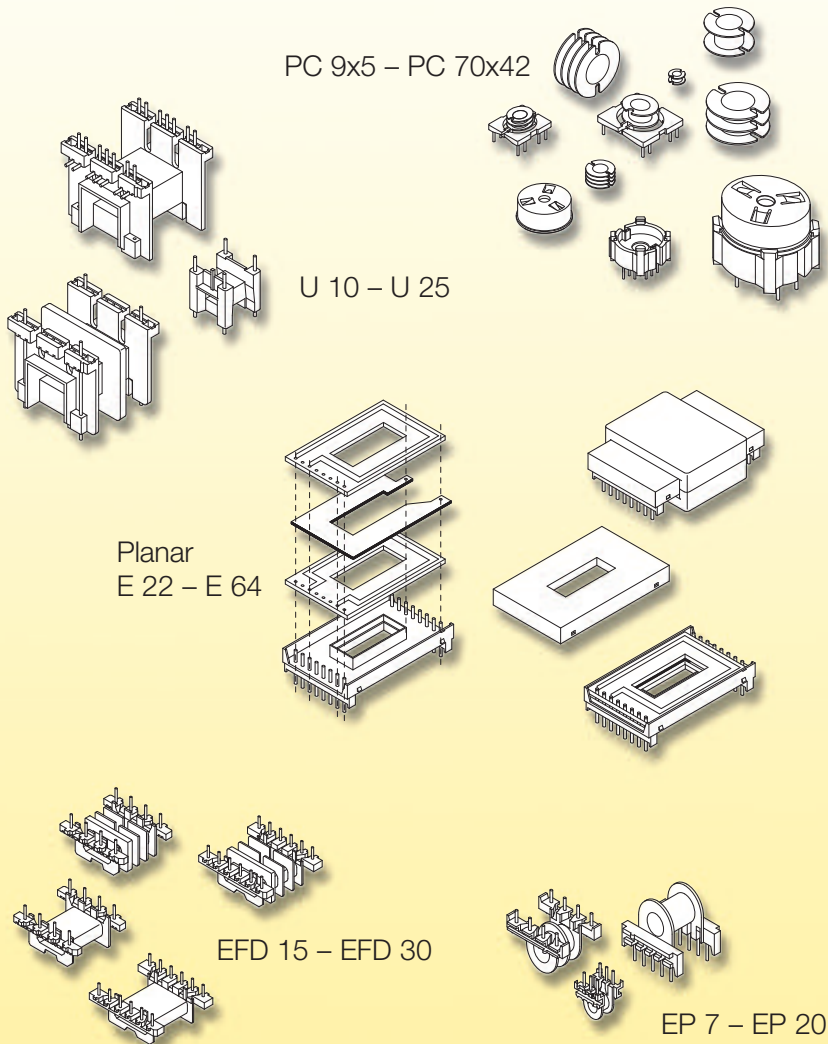
ETD 19 – ETD 59
EER 28 – EER 54



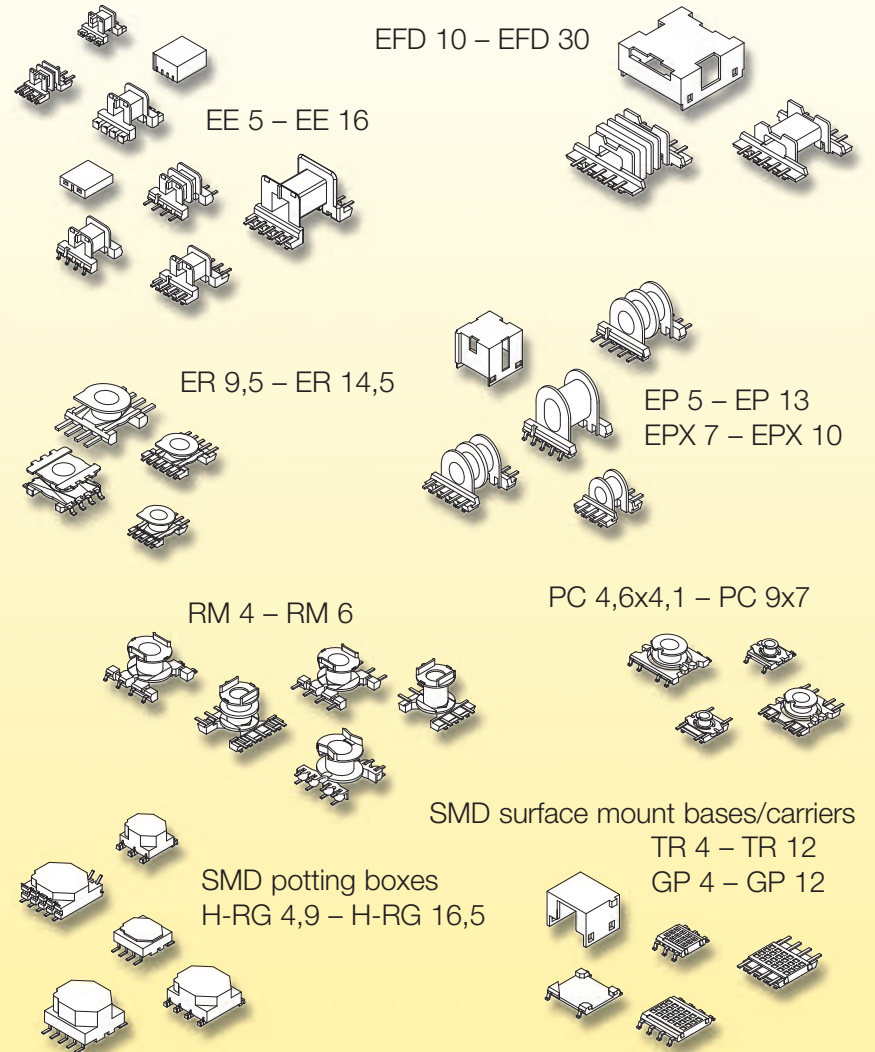
EC 35 – EC 70



Components for power conversions

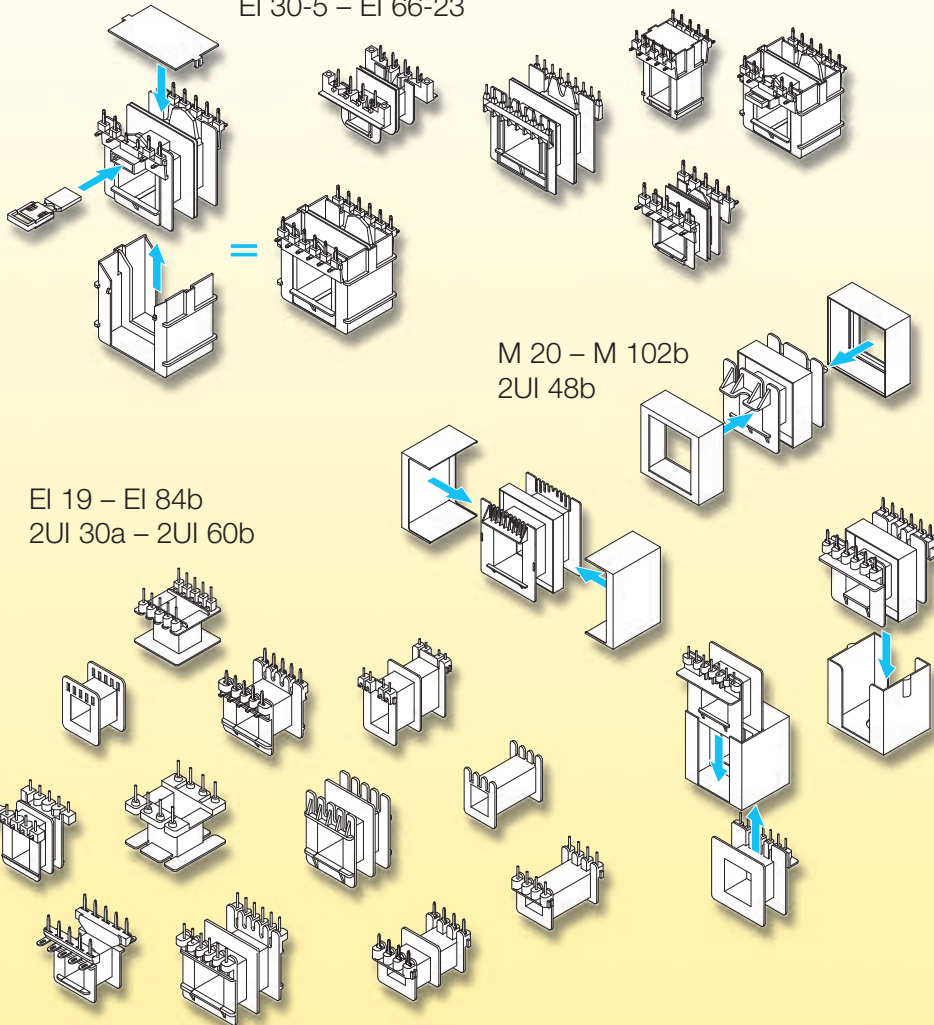


SMD Components



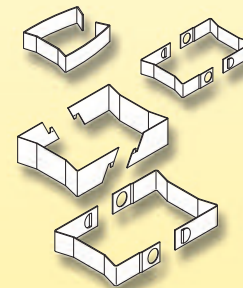
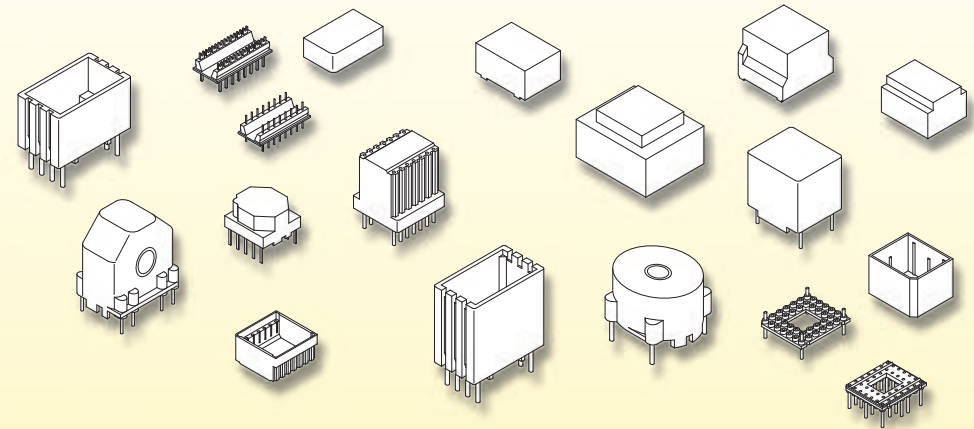
Standard components

EE 25-8 – EE 25-11
EI 30-5 – EI 66-23



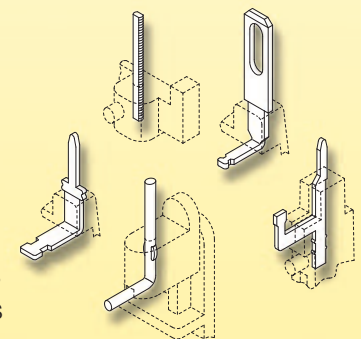
Accessories

Potting boxes for all standard ferrite cores/applications



Spring clips
Latching clips
Clips

Solder pins
Solder tags



NORWE – We are at your service – worldwide!

Up-to-date product database

- expanded, sophisticated search function
- comprehensive product survey
- PDF-files as downloads
- material database with UL-cards

Up-to-date contacts

- contacts all over the world

Up-to-date information

- data and facts of the company
- international NORWE trade fair presence
- product innovations

Individual special designs

- specific, industry-oriented solutions

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