

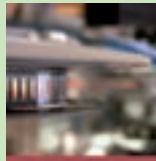
Design and Manufacture of inductive components and ferrites for



lighting technology



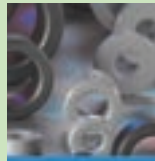
industrial electronics



automotive electronics



consumer goods industry



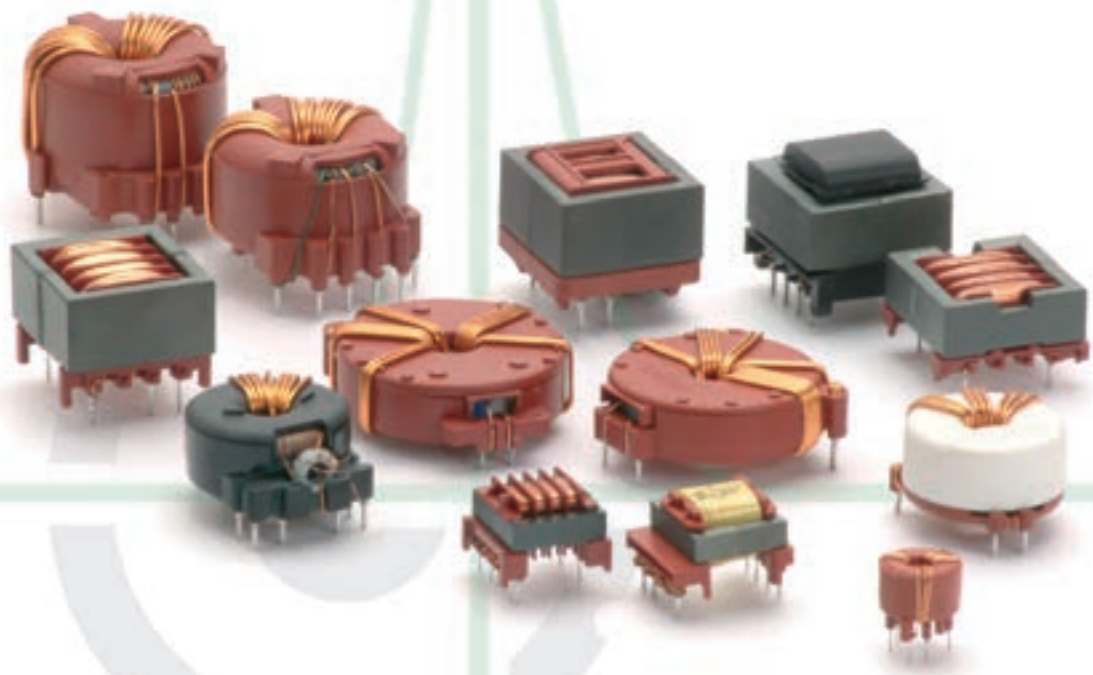
telecommunications/
entertainment electronics



Kaschke Components
GmbH

Induktivitäten für die Lichttechnik

Inductive components for
lighting technology



We provide solutions



Measurement
Valley

Induktivitäten für die Lichttechnik

Inductive components for the lighting technology

Stromwandler, SELV Übertrager*, PFC Drosseln, Lampendrosseln, HID Zündübertrager, LED Übertrager**

Moderne Beleuchtungskonzepte beschränken sich heutzutage nicht mehr allein darauf Licht zu erzeugen. Sie sparen Energie, schaffen Atmosphäre und können gezielt Objekte in Szene setzen.

Neben Langlebigkeit und Wartungsarmut geben reduzierte Bauhöhe und Gewicht den Designern von neuen effizienteren Leuchtmitteln einen maximalen gestalterischen Freiraum.

Induktive Bauelemente von Kaschke bilden eine entscheidende Grundlage zur technischen Umsetzung dieser hohen Anforderungen.

Current transformers, SELV safety transformers*, PFC chokes, lamp chokes, HID ignition transformers, LED transformers**

Nowadays, up-to-date lighting appliances are not solely restricted to the generation of light but they are intended to save energy, to create ambience and to stage objects deliberately.

Long durability and little maintenance work combined with reduced component size provide the designers of lighting devices with a maximum of creative freedom.

The inductive components of the Kaschke company serve as an important basis for the technical realization of these great demands.

Herausragende Merkmale

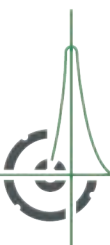
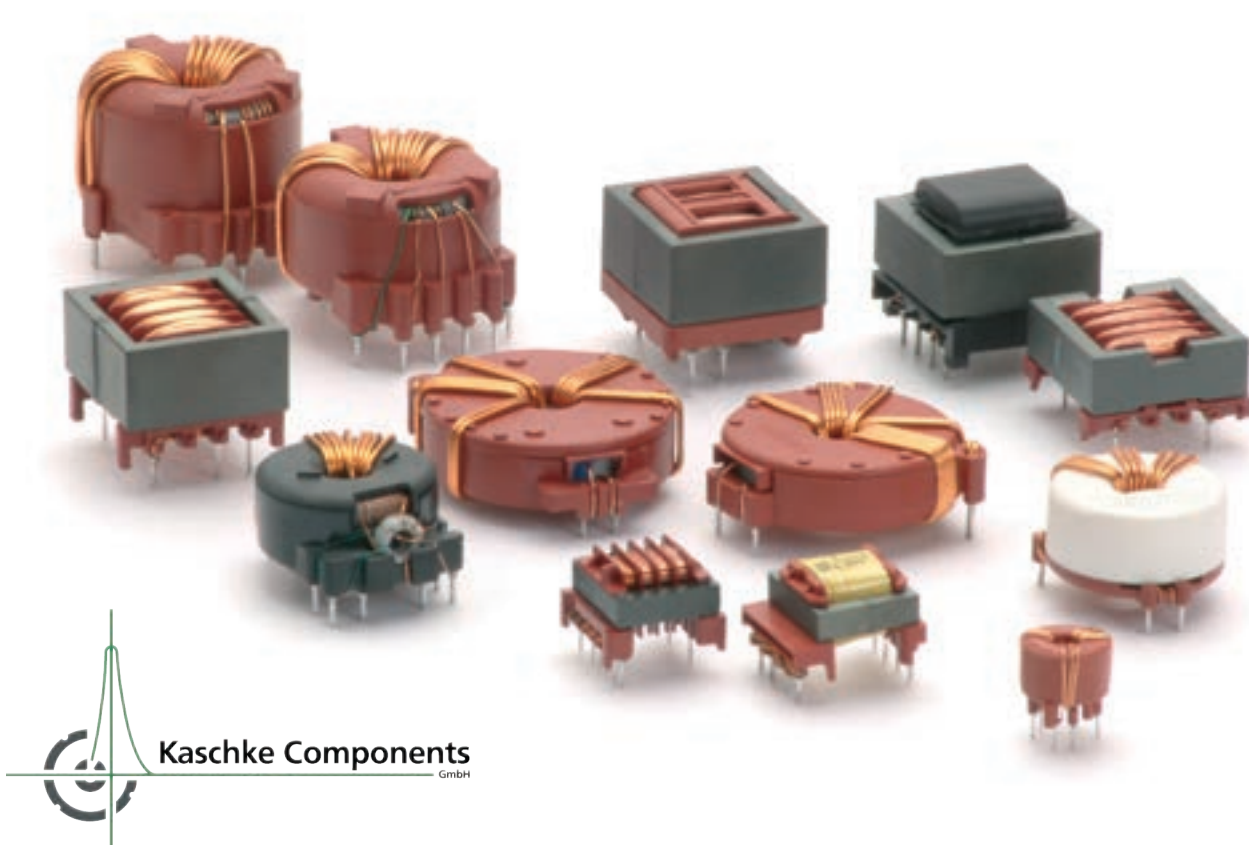
- Windungszahlen, Wicklungsanordnungen und Pinbelegungen sind nach Kundenwunsch variabel
- Betriebstemperaturbereich bis 125 °C
- Passende Materialien für alle Anwendungsfälle: z.B. K2006, K4000, K6000, Eisenpulver usw.
- Leistungen von 10–300 VA

Outstanding characteristics

- Number of turns, winding arrangement and termination are subject to customer's specification
- Operating temperature range up to 125 °C
- Suitable materials for all applications: e.g. K2006, K4000, K6000, iron powder and so on
- Output power 10–300 VA

*VDE Freigaben nach DIN EN 60065/DIN EN 61347-2-2 vorhanden.

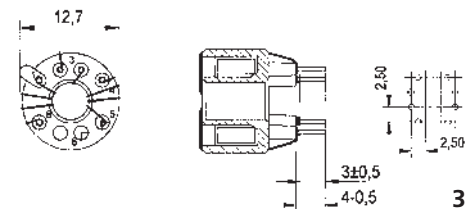
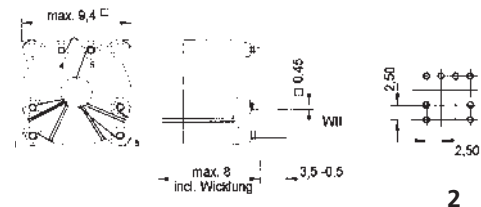
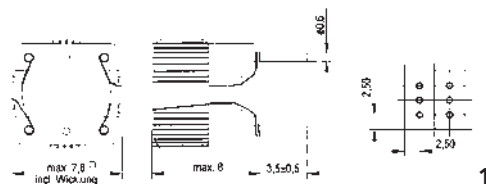
**VDE Freigaben nach DIN EN 60950/DIN EN 61558 vorhanden.



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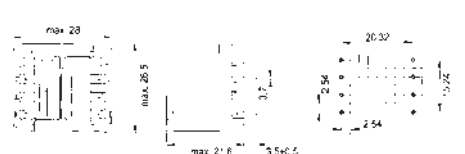
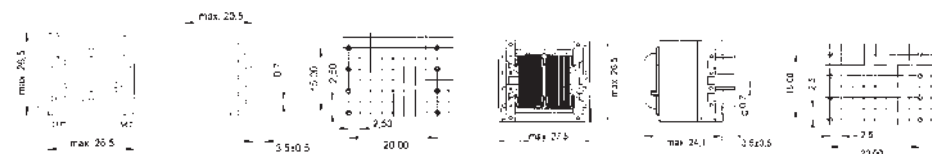
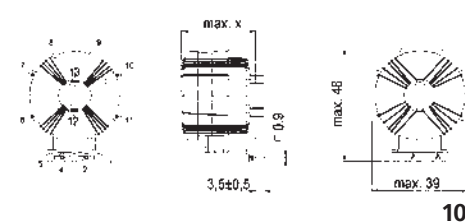
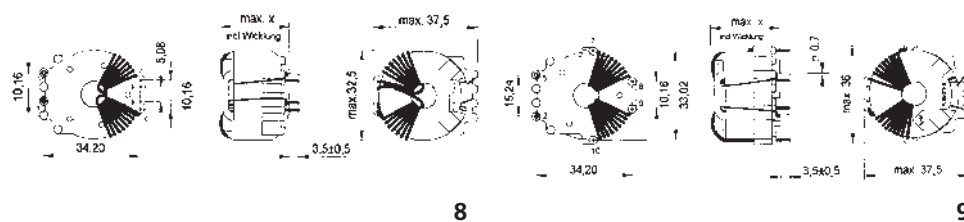
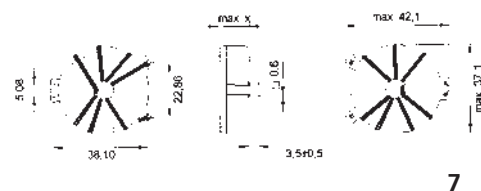
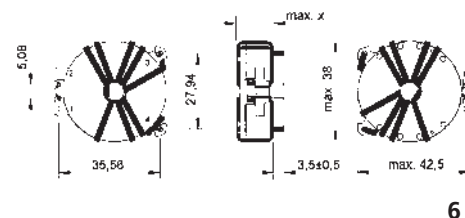
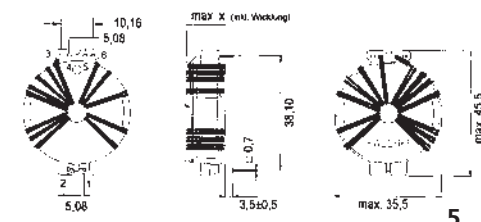
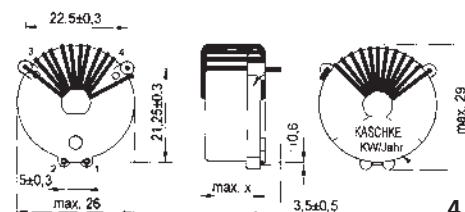
Stromwandler Current Transformer

Bezeichnung	Übersetzungs- verhältnis	Kernmaterial	max. Höhe [mm]	Bild Nr.
description	turns ratio	core material	max. height	picture no.
SP-R 6,3/3,8/2,5	nach Kundenwunsch	K 2006 / K 4000	7,5	1
SP-R 8/4/3,8	customer specification	K 2006 S / K 4000	8	2
SP-R 10/6/4		K 2006 S / K 6000	12	3
SP-R 10/6/5		K 2006 S / K 4000	12	3



HF Übertrager (SELV) HF Converter (SELV)

Bezeichnung	Kernmaterial	max. übertragbare Leistung [VA]	max. Höhe [mm]	Bild Nr.
description	core material	max. output power	max. height	picture no.
Baureihe 22/10/x				
SP-R 22/10/6	K 2006	35	10,9	4
SP-R 22/10/7,5	K 2006	50	13,5	4
SP-R 22/10/9	K 2006	60	16,5	4
SP-R 22/10/12	K 2006	75	19,0	4
Baureihe 30/11,5/x				
SP-R 30/11,5/5,3	K 2006	60	11,7	5
SP-R 30/11,5/6,1	K 2006	75	12,0	5
SP-R 30/11,5/6,6	K 2006	105	13,0	5
Baureihe 32,5/13/x				
SP-R 32,5/13/7	K 2006	105	13,5	6, 7
SP-R 32,5/13/8,5	K 2006	120	16,0	6, 7
Baureihe 27/14,5/x				
SP-R 27/14,4/8,5	K 2006	70	19,0	8, 9
SP-R 27/14,4/12	K 2006	105	22,0	8, 9
SP-R 27/14,4/15	K 2006	105	24,5	8, 9
SP-R 27/14,4/19	K 2006	150	27,0	8, 9
SP-R 27/14,4/21	K 2006	175	29,5	8, 9
Baureihe 31,5/19/x				
SP-R 31,5/19/20	K 2006	200	32	10
SP-R 31,5/19/22	K 2006	250	34	10
SP-R 31,5/19/24	K 2006	300	36	10
Baureihe E-Kerne in Schutz- klasseausführung				
EF 27/7	K 2006	70	20,5	11
EF 25/11	K 2006	105	24,5	12
EFS 25/13	K 2006	105	21,5	13



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12

13

LED Transformers

Bezeichnung	Kernmaterial	max. übertragbare Leistung [VA]	max. Höhe [mm]	Bild Nr.
description	core material	max. Output power	max. height	picture no.
SP-E 16/5	K 2006	12	14,0	14
SP-E 20/5	K 2006	20	16,0	15
SP-EFD 25	K 2006	35	13,0	16



Differential Mode Filter Chokes

Bezeichnung E-Kern Baureihe	Induktivität [mH]	Nennstrom [A]	Kernmaterial	max. Höhe [mm]	Bild Nr.
description	inductance	nominal current	core material	max. height	picture nr.
EF 13/4	0,2–3,0	1,25–0,35	Eisenpulver Iron Powder	15,5	17
EF 16/5	0,4–3,9	1,6–0,55		18,5	18
EF 20/6	0,4–10,0	2,0–0,45		21,0	19
EF 20/11	1,0–10,0	5,0–0,65		23,0	20
EF 20/11 low profile	0,39–5,6	3,2–0,8		21,5	21



Lamp Chokes

Bezeichnung	Induktivität Lo [mH]	Is [A] = 0,9xLo	Kernmaterial	max. Höhe [mm]	Bild Nr.
description	inductance		core material	max. height	picture nr.
EFS 25/13	0,72–3,8		K 2006	20,0	22



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