

Magnetisch kompensierte Drossel, kompakt

new



Beschreibung

- Stromkompensierte Drossel
- THT-Anschlüsse
- Mehrere PCB-Montagevarianten
- Hohe Induktivität bei minimaler Baugrösse
- Mehrere Pin-Konfigurationen

Standards

- EN 60938
- UL 1283
- CSA 22.2 Nr. 8

Anwendungen

- Dämpfung von Gleichtakt-Störungen
- Konzipiert für 230/400 VAC Anwendungen
- Chopperverstärker
- Steuerung von Gleichstrom- oder Schrittmotoren
- Getaktete Schaltnetzteile

Weblinks

[pdf-Datenblatt](#), [html-Datenblatt](#), [Allgemeine Produktinformationen](#), [Zulassungen](#), [CE-Konformitätserklärung](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Detailanfrage zu Typ](#), [SPICE-Bibliothek](#)

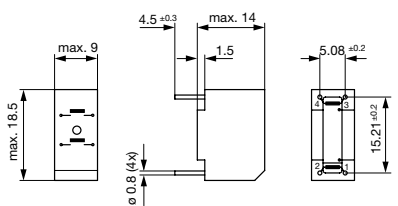
Technische Daten

Bemessungsspannung	bis zu 250VAC
Bemessungsstrom	0.3 - 10A @ Tu 40 °C
Nenninduktivität	0.5 - 100mH, Tol. -30% +50%
Betriebsfrequenz	DC - 1 kHz
Anschluss technik	THT
Gewicht	1 - 55g
Material: Gehäuse	UL 94V-0
Vergussmasse	UL 94V-0

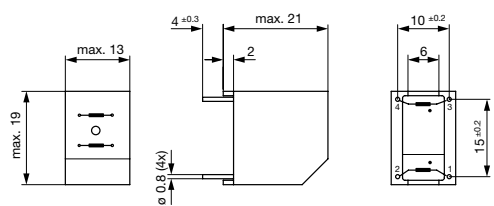
Testspannung	1.5kV, 50Hz, 1 min, Windung zu Windung
Isolationsspannung	4kV eff., Windung zu Umgebung
Klimakategorie	40/125/56 gemäss IEC 60068-1
Umgebungstemperatur	-40°C bis 125°C

Abmessung

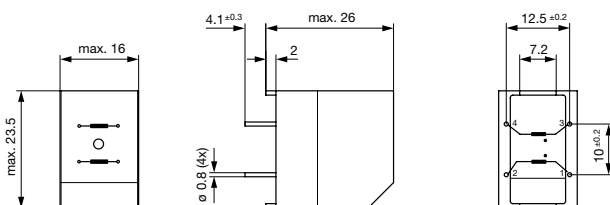
Gehäuse 1A



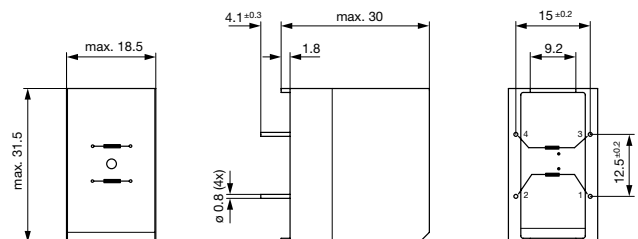
Gehäuse 1B



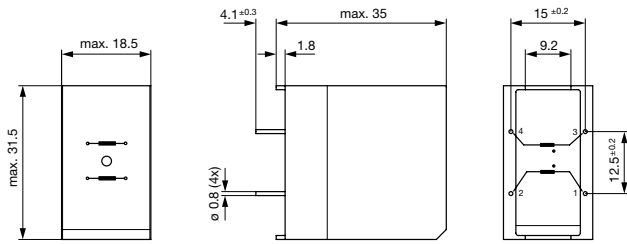
Gehäuse 1C



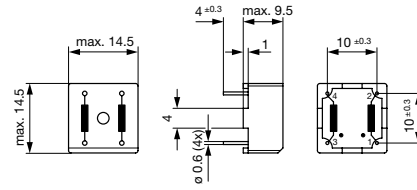
Gehäuse 1D



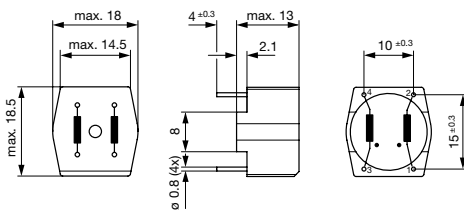
Gehäuse 1E



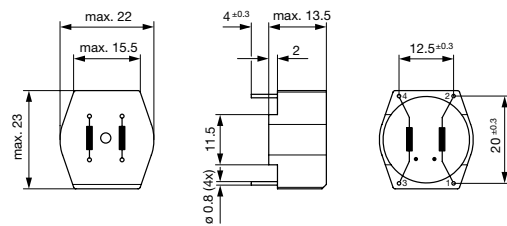
Gehäuse 2A



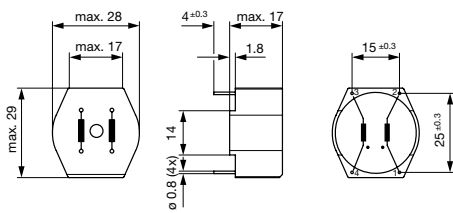
Gehäuse 2B



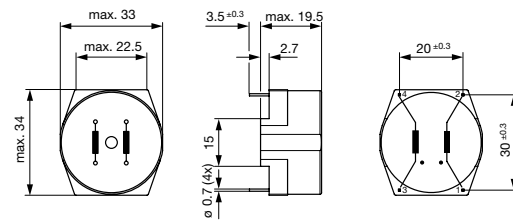
Gehäuse 2C



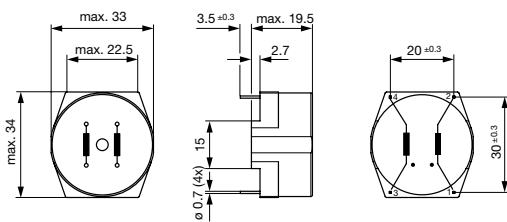
Gehäuse 2D



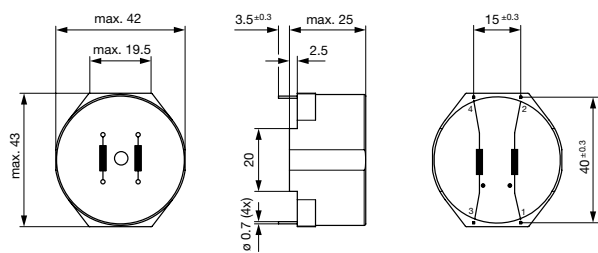
Gehäuse 2E



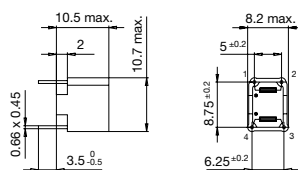
Gehäuse 2G



Gehäuse 2H

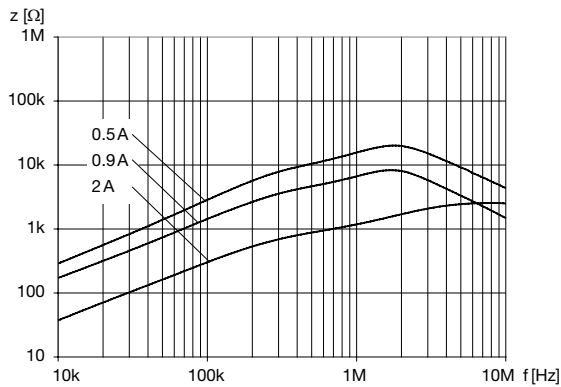


Gehäuse 48-2

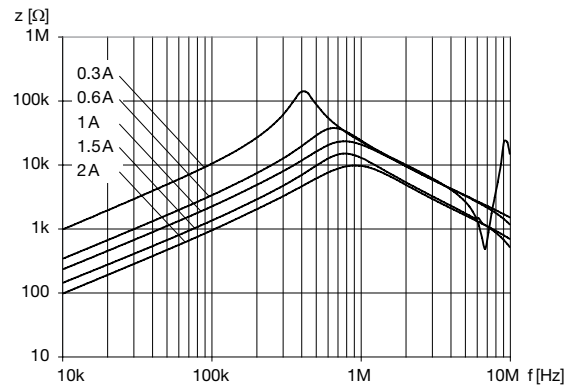


Impedanzkurven

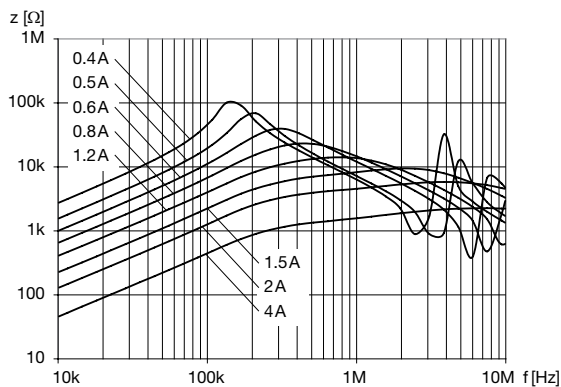
DKFP_6248_XXXX



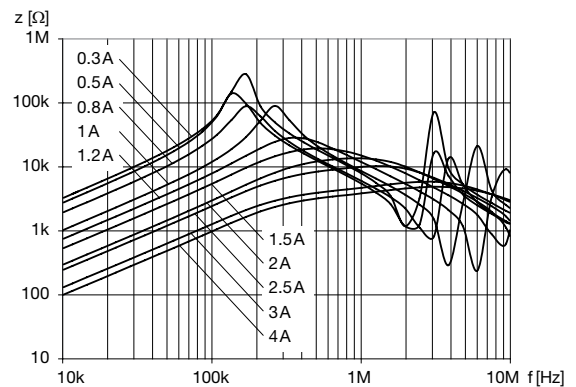
DKFP_A2xA_XXXX



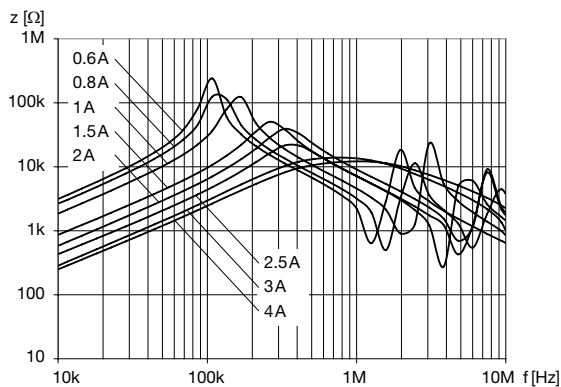
DKFP_B2xB_XXXX



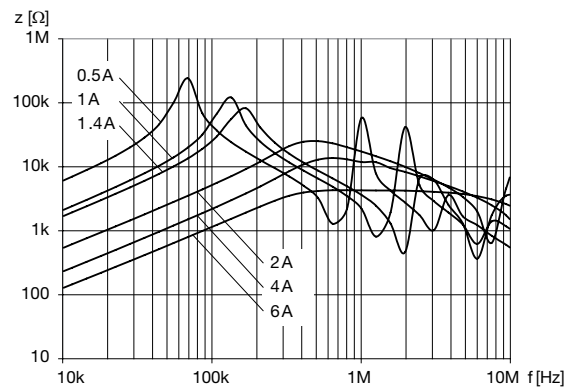
DKFP_C2xC_XXXX



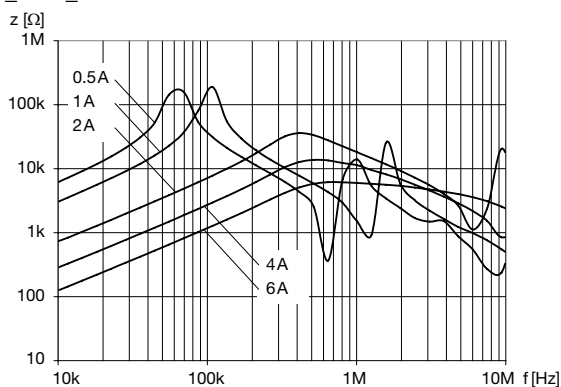
DKFP_D2xD_XXXX



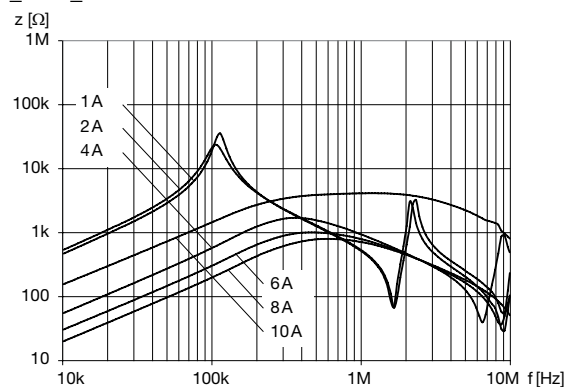
DKFP_E2xE_XXXX



DKFP_G22G_XXXX



DKFP_H22H_XXXX



Alle Varianten

I_n [A]	L_n [mH]	R_{cu} [mΩ]	Verlustleistung [W]	f_{RES} [MHz]	Gewicht [g]	Gehäuse	Verpackungseinheit [Stk.]	Bestellnummer
0.3	12	1280	0.12	0.55	3g	2A	72	DKFP-A22A-D312
0.3	12	1280	0.12	0.55	4g	1A	90	DKFP-A21A-D312
0.3	47	1850	0.17	0.15	11g	2C	32	DKFP-C22C-D347
0.3	47	1850	0.17	0.15	14g	1C	35	DKFP-C21C-D347
0.4	39	1286	0.2	0.15	6g	2B	45	DKFP-B22B-D439
0.4	39	1286	0.2	0.15	8g	1B	120	DKFP-B21B-D439
0.5	100	3100	0.78	0.07	33g	2G	28	DKFP-G22G-D5J0
0.5	27	841	0.2	0.2	8g	1B	120	DKFP-B21B-D527
0.5	27	841	0.21	0.2	6g	2B	45	DKFP-B22B-D527
0.5	39	880	0.22	0.15	11g	2C	32	DKFP-C22C-D539
0.5	39	880	0.22	0.15	14g	1C	35	DKFP-C21C-D539
0.5	4	500	0.25	1.2	55g	48-2	176	DKFP-6248-D504
0.5	82	2840	0.71	0.07	32g	2E	28	DKFP-E22E-D582
0.5	82	2840	0.71	0.07	34g	1E	70	DKFP-E21E-D582
0.6	15	453	0.16	0.35	6g	2B	45	DKFP-B22B-D615
0.6	15	453	0.16	0.35	8g	1B	120	DKFP-B21B-D615
0.6	4.4	380	0.14	1.1	3g	2A	72	DKFP-A22A-D64M
0.6	4.4	380	0.14	1.1	4g	1A	90	DKFP-A21A-D64M
0.6	47	1170	0.42	0.1	20g	2D	35	DKFP-D22D-D647
0.6	47	1170	0.42	0.1	25g	1D	56	DKFP-D21D-D647
0.8	10	336	0.21	0.45	8g	1B	120	DKFP-B21B-D810
0.8	10	336	0.22	0.45	6g	2B	45	DKFP-B22B-D810
0.8	27	520	0.33	0.18	11g	2C	32	DKFP-C22C-D827
0.8	27	520	0.33	0.18	14g	1C	35	DKFP-C21C-D827
0.8	39	955	0.61	0.15	20g	2D	40	DKFP-D22D-D839
0.8	39	955	0.61	0.15	25g	1D	56	DKFP-D21D-D839
0.9	2	240	0.39	1.6	55g	48-2	176	DKFP-6248-0102
1	15	350	0.35	0.25	11g	2C	32	DKFP-C22C-0115
1	27	554	0.55	0.16	20g	2D	35	DKFP-D22D-0127
1	3	200	0.2	1.7	3g	2A	72	DKFP-A22A-0103
1	3	200	0.2	1.7	4g	1A	90	DKFP-A21A-0103
1	33	805	0.8	0.13	32g	2E	28	DKFP-E22E-0133
1	33	805	0.8	0.13	34g	1E	70	DKFP-E21E-0133
1	47	950	0.95	0.1	33g	2G	28	DKFP-G22G-0147
1	68	1400	1.4	0.1	55g	2H	18	DKFP-H22H-0168
1.0	15	350	0.35	0.25	14g	1C	35	DKFP-C21C-0115
1.0	27	554	0.55	0.16	25g	1D	56	DKFP-D21D-0127
1.2	10	200	0.29	0.35	11g	2C	32	DKFP-C22C-1K10
1.2	10	200	0.29	0.35	14g	1C	35	DKFP-C21C-1K10
1.2	6.8	219	0.31	0.6	8g	1B	120	DKFP-B21B-1K6Q
1.2	6.8	219	0.32	0.6	6g	2B	45	DKFP-B22B-1K6Q
1.4	27	520	1	0.16	32g	2E	28	DKFP-E22E-1M27
1.4	27	520	1	0.16	34g	1E	70	DKFP-E21E-1M27
1.5	1.6	94	0.21	3.1	3g	2A	72	DKFP-A22A-1N10
1.5	1.6	94	0.21	3.1	4g	1A	90	DKFP-A21A-1N10
1.5	15	232	0.52	0.26	20g	2D	35	DKFP-D22D-1N15
1.5	15	232	0.52	0.26	25g	1D	56	DKFP-D21D-1N15
1.5	3.3	122	0.28	1.8	6g	2B	45	DKFP-B22B-1N3L
1.5	3.3	122	0.28	1.8	8g	1B	120	DKFP-B21B-1N3L
1.5	6.8	150	0.34	0.5	11g	2C	32	DKFP-C22C-1N6Q
1.5	6.8	150	0.34	0.5	14g	1C	35	DKFP-C21C-1N6Q
2	0.5	50	0.4	4.5	55g	48-2	176	DKFP-6248-02D5
2	1.1	61	0.25	3.5	3g	2A	72	DKFP-A22A-021J
2	1.1	61	0.25	3.5	4g	1A	90	DKFP-A21A-021J
2	1.8	57	0.23	3	6g	2B	45	DKFP-B22B-021Q

I_n [A]	L_n [mH]	R_{DU} [mΩ]	Verlustleistung [W]	f_{RES} [MHz]	Gewicht [g]	Gehäuse	Verpackungseinheit [Stk.]	Bestellnummer
2	1.8	57	0.23	3	8 g	1B	120	DKFP-B21B-021Q
2	10	149	0.6	0.34	20 g	2D	35	DKFP-D22D-0210
2	10	149	0.6	0.34	25 g	1D	56	DKFP-D21D-0210
2	10	245	1	0.4	33 g	2G	28	DKFP-G22G-0210
2	18	360	1.4	0.2	55 g	2H	18	DKFP-H22H-0218
2	4.2	92	0.37	0.9	14 g	1C	35	DKFP-C21C-024K
2	4.2	92	0.37	0.9	11 g	2C	32	DKFP-C22C-024K
2	6.8	200	0.8	0.5	32 g	2E	28	DKFP-E22E-026Q
2	6.8	200	0.8	0.5	34 g	1E	70	DKFP-E21E-026Q
2.5	3.3	73	0.45	1.2	11 g	2C	32	DKFP-C22C-2N3L
2.5	3.3	93	0.46	1.2	14 g	1C	35	DKFP-C21C-2N3L
2.5	6.8	101	0.63	0.36	20 g	2D	35	DKFP-D22D-2N6Q
2.5	6.8	101	0.63	0.36	25 g	1D	56	DKFP-D21D-2N6Q
3	2	52	0.47	2.5	11 g	2C	32	DKFP-C22C-0302
3	2	52	0.47	2.5	14 g	1C	35	DKFP-C21C-0302
3	4.2	63	0.57	0.85	20 g	2D	35	DKFP-D22D-034K
3	4.2	63	0.57	0.85	25 g	1D	56	DKFP-D21D-034K
4	0.7	18	0.29	6.5	6 g	2B	45	DKFP-B22B-04D7
4	0.7	18	0.29	6.5	8 g	1B	120	DKFP-B21B-04D7
4	1.5	30	0.48	2.8	11 g	2C	32	DKFP-C22C-041N
4	1.5	30	0.48	2.8	14 g	1C	35	DKFP-C21C-041N
4	3.3	45	0.72	1	20 g	2D	35	DKFP-D22D-043L
4	3.3	45	0.72	1	25 g	1D	56	DKFP-D21D-043L
4	3.3	62	1	0.6	32 g	2E	28	DKFP-E22E-043L
4	3.3	62	1	0.6	34 g	1E	70	DKFP-E21E-043L
4	3.9	70	1.1	0.5	33 g	2G	28	DKFP-G22G-043R
4	6.8	100	1.6	0.6	55 g	2H	18	DKFP-H22H-046Q
6	1.8	23	0.83	0.7	32 g	2E	28	DKFP-E22E-061Q
6	1.8	23	0.83	0.7	33 g	2G	28	DKFP-G22G-061Q
6	1.8	23	0.83	0.7	34 g	1E	70	DKFP-E21E-061Q
6	3.9	46	1.6	0.7	55 g	2H	18	DKFP-H22H-063R
8	2.7	22	1.4	1	55 g	2H	18	DKFP-H22H-082P
10	1.8	13	1.3	1.1	55 g	2H	18	DKFP-H22H-101Q

■ Oft verkauft.

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