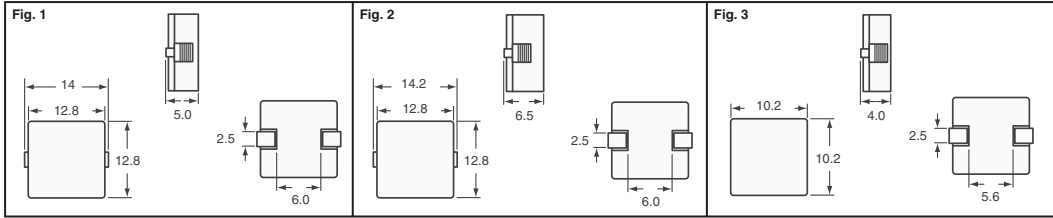


Features: • Flat wire coil for low loss at high frequency • Low stray field • Extremely low profile design • Extremely low core loss allows design optimization for high ripple currents • Current capability up to 65A • Operating temperature: -40°C – 155°C • Recommended solder profile: Reflow • Inductance Tolerance: ±20%

Applications: • Graphic cards • Laptops • Industrial computers • Motherboards • High current switching regulators • High temperature electronics • Polyphase switching regulators



Inductance (µH)	DCR Max. (mΩ)	Rated Current (A)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel*		Würth Part No.
				1	25	100	Qty.	Pricing	
Fig. 1									
0.19	0.72	29	732-1112-1-ND	2.39	1.99	1.70	400	437.77	744355019
0.47	1.30	26	732-1114-1-ND	2.39	1.99	1.70	400	437.77	744355047
0.90	1.90	24	732-1115-1-ND	2.39	1.99	1.70	400	437.77	744355090
1.40	2.80	22	732-1116-1-ND	2.39	1.99	1.70	400	437.77	7443550140
2.30	4.50	17.5	732-1117-1-ND	2.39	1.99	1.70	400	437.77	7443550230
3.20	6.50	16	732-1118-1-ND	2.39	1.99	1.70	400	437.77	7443550320
4.80	12.00	11	732-1119-1-ND	2.39	1.99	1.70	400	437.77	7443550480
6.00	15.00	9.5	732-1120-1-ND	2.39	1.99	1.70	400	437.77	7443550600
Fig. 2									
0.20	0.43	32	732-1121-1-ND	2.49	2.08	1.77	400	456.00	744355122
0.47	0.80	30	732-1122-1-ND	2.49	2.08	1.77	400	456.00	744355147
0.82	1.20	27	732-1123-1-ND	2.49	2.08	1.77	400	456.00	744355182
1.30	2.00	25	732-1124-1-ND	2.49	2.08	1.77	400	456.00	7443551150
2.00	3.00	23	732-1125-1-ND	2.49	2.08	1.77	400	456.00	7443551200
2.80	3.80	19	732-1126-1-ND	2.49	2.08	1.77	400	456.00	7443551280
3.70	5.30	17	732-1127-1-ND	2.49	2.08	1.77	400	456.00	7443551370

Inductance (µH)	DCR Max. (mΩ)	Rated Current (A)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel*		Würth Part No.
				1	25	100	Qty.	Pricing	
Fig. 3									
4.70	7.70	13	732-1128-1-ND	2.49	2.08	1.77	400	456.00	7443551470
6.00	9.00	12	732-1129-1-ND	2.49	2.08	1.77	400	456.00	7443551600
7.30	6.40	13	732-1137-1-ND	2.49	2.08	1.77	400	456.00	7443551730
9.20	8.40	12	732-1138-1-ND	2.49	2.08	1.77	400	456.00	7443551920
11.30	10.00	11	732-1139-1-ND	2.49	2.08	1.77	400	456.00	7443551111
13.00	12.50	10	732-1140-1-ND	2.49	2.08	1.77	400	456.00	7443551131
15.40	16.00	9	732-1141-1-ND	2.49	2.08	1.77	400	456.00	7443551151
Fig. 3									
0.15	0.72	25	732-1142-1-ND†	2.30	1.92	1.63	800	735.44	744355215
0.30	1.30	22	732-1130-1-ND	2.30	1.92	1.63	800	735.44	744355230
0.56	1.80	20	732-1131-1-ND	2.30	1.92	1.63	800	735.44	744355256
1.00	3.60	16	732-1132-1-ND	2.30	1.92	1.63	800	735.44	7443552100
1.50	5.70	14	732-1133-1-ND	2.30	1.92	1.63	800	735.44	7443552150
2.00	8.00	11	732-1134-1-ND	2.30	1.92	1.63	800	735.44	7443552200
4.80	13.00	9.5	732-1135-1-ND	2.30	1.92	1.63	800	735.44	7443552280
2.30	17.00	8.0	732-1136-1-ND	2.30	1.92	1.63	800	735.44	7443552430

* For Tape and Reel part number, change 1-ND to 2-ND. † ±30% Tolerance

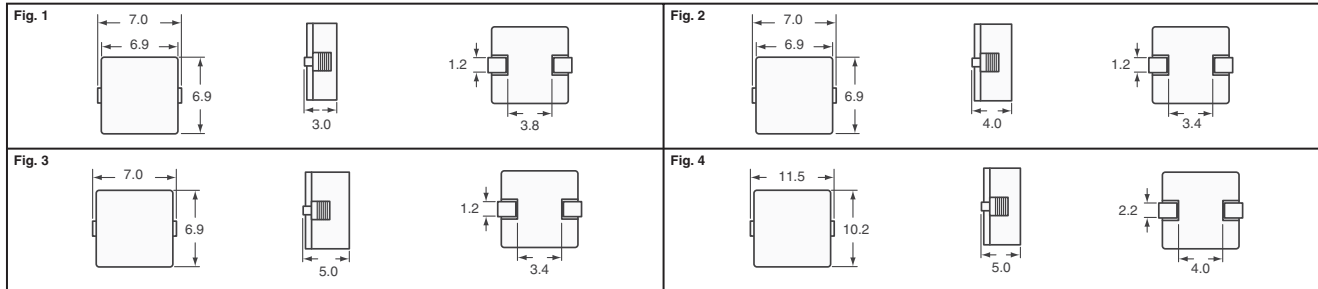


WE-HC Series — High Current Flat Wire SMD Inductors



Features: • Flat wire coil for low loss at high frequency • Low stray field • Extremely low profile design • Extremely low core loss allows design optimization for high ripple currents • Current capability up to 40A • Operating temperature: -40°C – 155°C • Recommended solder profile: Reflow • Inductance Tolerance: ±20% **Applications:** • Graphic cards • Laptops • Industrial computers • Motherboards • High current switching regulators • High temperature electronics • Polyphase - switching regulators

Dim. in mm



Inductance (µH)	DCR Max. (mΩ)	Rated Current (A)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel*		Würth Part No.
				1	25	100	Qty.	Pricing	
Fig. 1									
0.13	1.05	22	732-1143-1-ND	2.33	1.94	1.65	1,500	775.20/M	744310013
0.24	2.1	18	732-1144-1-ND	2.33	1.94	1.65	1,500	775.20/M	744310024
0.52	3.8	14	732-1145-1-ND	2.33	1.94	1.65	1,500	775.20/M	744310055
0.95	6.5	11	732-1146-1-ND	2.33	1.94	1.65	1,500	775.20/M	744310095
1.15	9	8.5	732-1147-1-ND	2.33	1.94	1.65	1,500	775.20/M	744310115
2	14	6.5	732-1148-1-ND	2.33	1.94	1.65	1,500	775.20/M	744310200
Fig. 2									
0.68	3.5	17	732-1149-1-ND	2.38	1.99	1.69	1,000	793.44	744311068
1.5	7.8	11	732-1150-1-ND	2.38	1.99	1.69	1,000	793.44	744311150
2.2	11.5	9	732-1151-1-ND	2.38	1.99	1.69	1,000	793.44	744311220
3.3	18	6.5	732-1152-1-ND	2.38	1.99	1.69	1,000	793.44	744311330
4.7	20	6	732-1153-1-ND	2.38	1.99	1.69	1,000	793.44	744311470
Fig. 3									
0.24	1.15	20	732-1154-1-ND	2.49	2.08	1.77	1,000	829.92	744314024
0.47	2.00	18	732-1155-1-ND	2.49	2.08	1.77	1,000	829.92	744314047
0.76	2.90	15.5	732-1156-1-ND	2.49	2.08	1.77	1,000	829.92	744314076

Inductance (µH)	DCR Max. (mΩ)	Rated Current (A)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel*		Würth Part No.
				1	25	100	Qty.	Pricing	
Fig. 4									
1.10	3.80	15	732-1157-1-ND	2.49	2.08	1.77	1,000	829.92	744314110
1.50	5.20	13	732-1158-1-ND	2.49	2.08	1.77	1,000	829.92	744314150
2.00	7.0	11.5	732-1159-1-ND	2.49	2.08	1.77	1,000	829.92	744314200
3.30	11.6	9	732-1160-1-ND	2.49	2.08	1.77	1,000	829.92	744314330
4.90	17.00	6.5	732-1161-1-ND	2.49	2.08	1.77	1,000	829.92	744314490
6.5	25.00	6	732-1162-1-ND	2.49	2.08	1.77	1,000	829.92	744314650
Fig. 4									
0.16	0.56	25	732-1163-1-ND	2.52	2.10	1.79	700	734.16	744325016
0.40	0.77	24	732-1164-1-ND	2.52	2.10	1.79	700	734.16	744325040
0.72	1.65	22	732-1165-1-ND	2.52	2.10	1.79	700	734.16	744325072
1.20	2.00	20	732-1166-1-ND	2.52	2.10	1.79	700	734.16	744325120
1.80	4.00	16	732-1167-1-ND	2.52	2.10	1.79	700	734.16	744325180
2.40	5.00	14	732-1168-1-ND	2.52	2.10	1.79	700	734.16	744325240
3.30	6.60	12	732-1169-1-ND	2.52	2.10	1.79	700	734.16	744325330
4.20	8.00	11	732-1170-1-ND	2.52	2.10	1.79	700	734.16	744325420
5.50	14.00	10	732-1171-1-ND	2.52	2.10	1.79	700	734.16	744325550

* For Tape and Reel part number, change 1-ND to 2-ND.

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