

# WURTH ELECTRONICS SMD Inductors



RoHS Compliant This product is RoHS compliant.

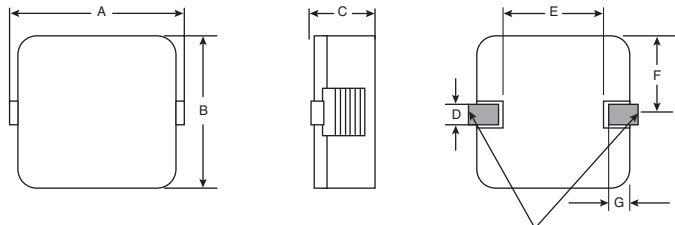
## SMD FLAT WIRE HIGH CURRENT INDUCTORS WE-HCI

### Features:

- Magnetically shielded
- Flat wire coil for low losses at high frequency
- Low stray field
- Operating temperature: -40°C to +125°C / +150°C

### Applications:

- Graphic cards
- Laptops
- Industrial computers
- Motherboards
- High current switching regulators
- DC/DC converter
- Polyphase-switching regulators
- Filter



RDC is measured at these points

	DIMENSIONS: mm						
	A	B	C	D	E	F	G
7030	7.0	6.9	3.0	1.2	2.5	3.45	1.8
7040	7.0	6.9	3.8	1.2	3.4	3.45	1.8
7050	7.0	6.9	4.8	1.2	2.5	3.45	1.8
1040	10.5	10.2	4.0	2.5	4.2	5.1	2.0
1050	10.5	10.2	4.7	2.2	4.0	5.1	3.0
1350	13.0	12.8	4.7	2.5	6.0	6.4	3.0
1365	13.2	12.8	6.2	2.5	6.0	6.4	3.0



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Würth Electronics Part No.	Core Material	L (µH)	L <sub>R</sub> (µH)	I <sub>R</sub> (A)	I <sub>sat</sub> (A)	R <sub>DC</sub> (mΩ)	f <sub>res</sub> (MHz)	Price Each		
									1	25	100
<b>7030</b>											
710-744310013	744310013	Superflux	0.13	0.11	22.0	48.0	0.91	400	2.65	2.55	2.42
710-744310024	744310024	Superflux	0.24	0.22	18.0	40.0	1.8	220	2.65	2.55	2.42
710-744310055	744310055	Superflux	0.52	0.43	14.0	20.0	3.7	140	2.65	2.55	2.42
710-744310095	744310095	Superflux	0.95	0.71	11.0	13.0	6.2	90	2.65	2.55	2.42
710-744310115	744310115	Superflux	1.15	1.0	8.5	13.0	8.6	84	2.65	2.55	2.42
710-744310200	744310200	Superflux	2.0	1.55	6.5	9.0	14.2	58	2.65	2.55	2.42
<b>7040</b>											
710-744311068	744311068	Superflux	0.68	0.52	17.0	20.0	3.1	105	4.73	3.79	3.11
710-744311150	744311150	Superflux	1.5	1.12	11.0	14.0	6.6	72	2.68	2.59	2.45
710-744311220	744311220	Superflux	2.2	1.75	9.0	13.0	11.4	52	2.68	2.59	2.45
710-744311330	744311330	Superflux	3.3	2.75	6.5	11.0	17.2	43	2.68	2.59	2.45
710-744311470	744311470	Superflux	4.7	3.5	6.0	7.0	19.5	33	2.68	2.59	2.45
<b>7050</b>											
710-744314024	744314024	Superflux	0.24	0.19	20.0	28.0	1.0	320	3.60	3.14	2.96
710-744314047	744314047	Superflux	0.47	0.38	18.0	20.0	1.35	235	3.60	3.14	2.96
710-744314076	744314076	Superflux	0.76	0.6	15.5	15.0	2.25	200	3.60	3.14	2.96
710-744314110	744314110	Superflux	1.1	0.78	15.0	13.0	3.15	135	3.60	3.14	2.96
710-744314150	744314150	Superflux	1.5	1.1	13.0	11.0	4.3	110	3.60	3.14	2.96
710-744314200	744314200	Superflux	2.0	1.35	11.5	9.0	5.85	68	3.60	3.14	2.96
710-744314330	744314330	Superflux	3.3	2.2	9.0	8.0	9.0	65	3.60	3.14	2.96
710-744314490	744314490	Superflux	4.9	3.4	6.5	6.5	14.5	56	3.60	3.14	2.96
710-744314650	744314650	Superflux	6.5	4.5	6.0	6.0	21.5	50	3.60	3.14	2.96
710-744314760	744314760	Superflux	7.6	6.0	4.2	4.8	30.2	48	2.65	2.54	2.42
710-744314850	744314850	Superflux	8.5	6.8	4.0	4.5	32.5	44	2.65	2.54	2.42
710-744314101	744314101	Superflux	10.0	7.5	3.5	4.0	33.0	40	2.65	2.54	2.42
<b>1040</b>											
710-744355215	744355215	WE-PERM	0.15	0.13	25.0	60.0	0.58	275	2.56	2.48	2.48
710-744355230	744355230	WE-PERM	0.3	0.25	22.0	35.0	1.1	170	2.56	2.48	2.48
710-744355256	744355256	WE-PERM	0.56	0.47	20.0	30.0	1.61	100	2.56	2.48	2.38
710-7443552100	7443552100	WE-PERM	1.0	0.78	16.0	20.0	3.3	80	2.56	2.48	2.38
710-7443552150	7443552150	WE-PERM	1.5	1.1	14.0	17.0	5.3	63	2.56	2.48	2.38
710-7443552200	7443552200	WE-PERM	2.0	1.48	11.0	13.0	7.3	53	2.56	2.48	2.48
710-7443552280	7443552280	WE-PERM	2.8	2.1	9.5	11.0	10.6	46	2.56	2.48	2.48
710-7443552430	7443552430	WE-PERM	4.3	3.0	8.0	8.0	14.1	33	2.56	2.48	2.38
<b>1050</b>											
710-744325016	744325016	Superflux	0.16	0.14	25.0	58.0	0.51	400	3.34	3.14	2.97
710-744325040	744325040	Superflux	0.4	0.33	24.0	37.0	0.67	160	3.34	3.14	2.97
710-744325072	744325072	Superflux	0.72	0.6	22.0	35.0	1.3	115	3.34	3.14	2.97
710-744325120	744325120	Superflux	1.2	1.0	20.0	25.0	1.8	65	3.34	3.14	2.97
710-744325180	744325180	Superflux	1.8	1.4	16.0	18.0	3.5	60	3.34	3.14	2.97
710-744325240	744325240	Superflux	2.4	1.8	14.0	17.0	4.75	67	3.34	3.14	2.97
710-744325330	744325330	Superflux	3.3	2.4	12.0	15.0	5.9	54	3.34	3.14	2.97
710-744325420	744325420	Superflux	4.2	3.3	11.0	14.0	7.1	33	3.34	3.14	2.97
710-744325550	744325550	Superflux	5.5	4.3	10.0	12.0	10.3	30	3.34	3.14	2.97
<b>1350</b>											
710-744355019	744355019	WE-PERM	0.19	0.17	29.0	60.0	0.5	225	3.23	3.14	3.05
710-744355047	744355047	WE-PERM	0.47	0.41	26.0	50.0	0.9	95	3.23	3.14	3.05
710-744355090	744355090	WE-PERM	0.9	0.66	24.0	28.0	1.6	72	3.23	3.14	3.05
710-7443550140	7443550140	WE-PERM	1.4	1.05	22.0	26.0	2.4	60	3.23	3.14	3.05
710-7443550230	7443550230	WE-PERM	2.3	1.6	17.5	17.0	3.7	40	3.23	3.14	3.05
710-7443550320	7443550320	WE-PERM	3.2	2.2	16.0	15.0	5.3	34	3.23	3.14	3.05
710-7443550480	7443550480	WE-PERM	4.8	3.55	11.0	13.0	10.5	28	3.23	3.14	3.05
710-7443550600	7443550600	WE-PERM	6.0	4.7	9.5	11.5	13.5	22	3.24	3.14	3.06
<b>1365</b>											
710-744355122	744355122	WE-PERM	0.2	0.17	32.0	65.0	0.35	230	3.29	3.18	3.10
710-744355147	744355147	WE-PERM	0.47	0.41	30.0	50.0	0.67	100	3.29	3.18	3.10
710-744355182	744355182	WE-PERM	0.82	0.64	27.0	35.0	0.9	72	3.29	3.18	3.10
710-7443551111	7443551111	WE-PERM	11.3	7.5	11.0	9.5	9.1	12	3.29	3.18	3.10
710-7443551130	7443551130	WE-PERM	1.3	0.9	25.0	25.0	1.8	59	3.29	3.18	3.10
710-7443551131	7443551131	WE-PERM	13.0	9.0	10.0	9.0	11.2	14	3.29	3.18	3.10
710-7443551151	7443551151	WE-PERM	15.4	10.0	9.0	8.0	14.8	15	3.29	3.18	3.10
710-7443551200	7443551200	WE-PERM	2.0	1.4	23.0	22.0	2.6	45	3.29	3.18	3.10
710-7443551280	7443551280	WE-PERM	2.8	1.85	20.0	17.5	3.3	35	3.29	3.18	3.10
710-7443551370	7443551370	WE-PERM	3.7	2.6	17.0	16.0	4.9	26	3.29	3.18	3.10
710-7443551470	7443551470	WE-PERM	4.7	3.4	13.0	15.0	7.0	30	3.29	3.18	3.10
710-7443551600	7443551600	WE-PERM	6.0	4.5	12.0	14.0	8.4	22	3.29	3.18	3.10
710-7443551730	7443551730	WE-PERM	7.3	5.0	13.0	12.0	5.9	28	3.29	3.18	3.10
710-7443551920	7443551920	WE-PERM	9.2	6.6	12.0	10.5	7.8	26	3.29	3.18	3.10