

WURTH ELECTRONICS SMD Inductors



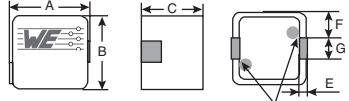
This product is RoHS compliant.



SMD HIGH CURRENT CUBE INDUCTOR, FERRITE FILTER CHOKE WE-HCC

Features:

- Magnetically shielded
- Operating temperature: -40°C to +125°C
- Current capability up to 27A



RDC is measured at these points

DIMENSIONS: mm							
Type	A	B	C	D	E	F	G
8070	8.4	7.9	7.2	2.3	1.5	2.75	
1090	10.9	10.0	9.3	3.0	1.6	3.5	
1210	12.1	11.4	9.5	3.5	2.0	3.9	

Applications:

- Filter choke for DC/DC converter
- Single and polyphase buck converter
- Filter choke for motor electronics

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Würth Electronics Part No.	Type	Inductance (µF)	Rated Current (A)	Saturation Current (A)	DC Resistance (mΩ)	SRF (MHz)	Price Each			Reel Quantity	Price Per Piece
								1	25	100		
710-7443340030	7443340030	8070	0.3	20.5	36	1.4	272	1.96	1.85	1.65	500	1.65
710-7443340047	7443340047	8070	0.47	19	32	1.72	232	1.96	1.85	1.65	500	1.65
710-7443340068	7443340068	8070	0.68	19	23.5	1.72	181	1.96	1.85	1.65	500	1.65
710-7443340100	7443340100	8070	1	17	24	2.95	147	1.96	1.85	1.65	500	1.65
710-7443340150	7443340150	8070	1.5	16.5	18.5	4.4	120	1.96	1.85	1.65	500	1.65
710-7443340220	7443340220	8070	2.2	16.5	12.5	4.4	97	1.96	1.85	1.65	500	1.65
710-7443340330	7443340330	8070	3.3	14	8.5	6.5	81	1.96	1.85	1.65	500	1.65
710-7443330022	7443330022	1090	0.22	21.5	60	0.6	300	2.09	1.94	1.94	400	1.94
710-7443330033	7443330033	1090	0.33	21.5	55	0.6	250	2.09	1.94	1.94	400	1.94
710-7443330100	7443330100	1090	1	20	27.5	1.35	100	2.09	1.94	1.94	400	1.94
710-7443330150	7443330150	1090	1.5	18	27	2.5	78	2.09	1.94	1.94	400	1.94
710-7443330220	7443330220	1090	2.2	16.5	22	3.7	80	2.09	1.94	1.94	400	1.94
710-7443330330	7443330330	1090	3.3	14	15.5	5.4	51	2.09	1.94	1.94	400	1.94
710-7443330470	7443330470	1090	4.7	13	15	8.2	49	2.09	1.94	1.94	400	1.94
710-7443330680	7443330680	1090	6.8	11.5	11	13.2	40	2.09	1.94	1.94	400	1.94
710-7443330820	7443330820	1090	8.2	11.5	8	13.2	36	2.09	1.94	1.94	400	1.94
710-7443331000	7443331000	1090	10	9	8	20.7	35	2.09	1.94	1.94	400	1.94
710-7443320033	7443320033	1210	0.33	27	55	0.53	214	2.44	2.37	2.31	300	2.31
710-7443320047	7443320047	1210	0.47	26	48	0.72	138	2.44	2.37	2.31	300	2.31
710-7443320068	7443320068	1210	0.68	26	38	0.72	108	2.44	2.37	2.31	300	2.31
710-7443320100	7443320100	1210	1	24	32	1.17	96	2.44	2.37	2.31	300	2.31
710-7443320150	7443320150	1210	1.5	19.5	27	2.1	92	2.44	2.37	2.31	300	2.31
710-7443320220	7443320220	1210	2.2	18	23	3.05	64	2.44	2.37	2.31	300	2.31
710-7443320330	7443320330	1210	3.3	17	17	4.4	44	2.44	2.37	2.31	300	2.31
710-7443320470	7443320470	1210	4.7	15.5	17	6.35	43	2.44	2.37	2.31	300	2.31
710-7443320680	7443320680	1210	6.8	13	13	8.98	42	2.44	2.37	2.31	300	2.31
710-7443320820	7443320820	1210	8.2	13	12	9.9	34	2.44	2.37	2.31	300	2.31
710-7443321000	7443321000	1210	10	9	10	14.4	29	2.44	2.37	2.31	300	2.31

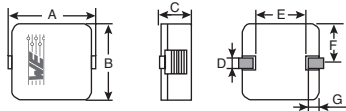
Inductors

Würth Electronics

SMD FLAT WIRE HIGH CURRENT INDUCTOR WE-HCI

Features:

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



DIMENSIONS: mm							
Type	A	B	C	D	E	F	G
1890	18.3	18.2	8.9	4.2	8.0	9.0	5.0

Applications:

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

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Würth Electronics Part No.	Type	Inductance (µF)	Rated Current (A)	Saturation Current (A)	DC Resistance (mΩ)	SRF (MHz)	Price Each			Reel Quantity	Price Per Piece
								1	25	100		
710-7443556082	7443556082	1890	0.82	41.5	65	0.54	85	8.19	7.79	7.00	150	7.00
710-7443556130	7443556130	1890	1.3	34.5	62	0.94	78	8.19	7.79	7.00	150	7.00
710-7443556190	7443556190	1890	1.9	32.5	52	1.2	51	8.19	7.79	7.00	150	7.00
710-7443556260	7443556260	1890	2.6	31.5	50	1.58	42	8.19	7.79	7.00	150	7.00
710-7443556350	7443556350	1890	3.5	22.5	37	3.1	38	8.19	7.79	7.00	150	7.00
710-7443556450	7443556450	1890	4.5	20.5	37	3.4	35	8.19	7.79	7.00	150	7.00
710-7443556560	7443556560	1890	5.6	19	33	3.7	28	8.19	7.79	7.00	150	7.00
710-7443556680	7443556680	1890	6.8	18.5	27	4.1	24	8.19	7.79	7.00	150	7.00
710-74435561100	74435561100	1890	10	15	21.5	6.9	14	8.19	7.79	7.00	150	7.00
710-74435571100	74435571100	1890	10	16.5	18.5	6.9	16	8.19	7.79	7.00	150	7.00
710-74435571500	74435571500	1890	15	14	14	9	14	8.19	7.79	7.00	150	7.00
710-74435572200	74435572200	1890	22	11	11	14.6	10.5	8.19	7.79	7.00	150	7.00
710-74435573300	74435573300	1890	33	8.5	9	21.7	9.5	8.19	7.79	7.00	150	7.00
710-74435574700	74435574700	1890	47	6.8	7	33.5	7.5	8.19	7.79	7.00	150	7.00

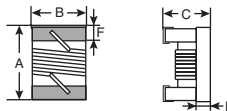
SMD WIRE WOUND CERAMIC INDUCTOR WE-KI

Features:

- High thermal stability
- Operating temperature: -40°C to +125°C

Applications:

- RF transceiver/communications
- Developed for high frequency applications
- Bluetooth and Wireless LAN



DIMENSIONS: mm								
Type	A	B	C	D	F	H	I	J
0402	1	0.55	0.5	0.2	-	0.65	0.375	0.45
0603	1.65	1.15	0.9	0.5	0.3	0.762	0.625	0.65
1008	2.5	2.0	1.6	0.5	0.5	2.2	0.9	1.2

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Würth Electronics Part No.	Type	Inductance (nH)	Test condition Inductance	Q-factor	Test condition Q factor	Rated Current (mA)	DC Resistance	SRF (MHz)	Price Each				Reel Quantity	Price Per Piece
										1	25	100	500		
710-744765010A	744765010A	0402	1	250	13	250	1360	0.045	6000	.36	.34	.329	.302	3000	.25
710-744765019A	744765019A	0402	1.9	250	16	250	1040	0.07	6000	.36	.34	.329	.302	3000	.25
710-744765020A	744765020A	0402	2	250	16	250	1040	0.07	6000	.36	.34	.329	.302	3000	.25
710-744765022A	744765022A	0402	2.2	250	18	250	960	0.07	6000	.36	.34	.329	.302	3000	.25
710-744765024A	744765024A	0402	2.4	250	16	250	790	0.068	6000	.36	.34	.329	.302	3000	.25
710-744765027A	744765027A	0402	2.7	250	16	250	640	0.12	6000	.36	.34	.329	.302	3000	.25
710-744765033A	744765033A	0402	3.3	250	20	250	840	0.066	6000	.36	.34	.329	.302	3000	.25
710-744765036A	744765036A	0402	3.6	250	20	250	840	0.066	6000	.36	.34	.329	.302	3000	.25
710-744765039A	744765039A	0402	3.9	250	20	250	840	0.066	5800	.36	.34	.329	.302	3000	.25