



PO BOX 2426
 Monrovia, CA 91017
 U. S. A.

Tel.: (408) 329-7985

Fax: (866) 571-5680

www.aidetek.com support@aidetek.com

AideTek® SMD 1008 size 41 values 10pc/value Wire Wound Inductor kit

41 values of high frequency power inductors, 10pc/value, total 410pcs

Tolerance: ±2-10%

Dimensions: (L x W X T) 2.92 x 2.79 x2.0mm

Operating Temperature Range: -40°C – 85°C

Below is parts number and value list:

Label Value	Part No.	Inductance (nH)	Ls Test frequency (MHz)	Q Value (min)	Test frequency (MHz)	RDC (Ω)max	Test voltage (mV)	SRF (MHz) min	Idc (mA)max
10nH	FHW1008UC 010 KGT	10	50	50	500	0.08	500	4100	1000
12nH	FHW1008UC 012 KGT	12	50	50	500	0.09	500	3300	1000
15nH	FHW1008UC 015 KGT	15	50	45	500	0.15	500	2500	1000
18nH	FHW1008UC 018 KGT	18	50	50	350	0.11	500	2500	1000
22nH	FHW1008UC 022 KGT	22	50	55	350	0.12	500	2400	1000
27nH	FHW1008UC 027 KGT	27	50	55	350	0.13	500	1600	1000
33nH	FHW1008UC 033 KGT	33	50	60	350	0.14	500	1600	1000
39nH	FHW1008UC 039 KGT	39	50	60	350	0.15	500	1500	1000
47nH	FHW1008UC 047 KGT	47	50	65	350	0.16	500	1500	1000
56nH	FHW1008UC 056 KGT	56	50	65	350	0.18	500	1100	1000
68nH	FHW1008UC 068 KGT	68	50	65	350	0.20	500	1000	1000
82nH	FHW1008UC 082 KGT	82	50	60	350	0.22	500	1000	1000
100nH	FHW1008UC R10 KGT	100	25	60	350	0.56	500	1000	650
120nH	FHW1008UC R12 KGT	120	25	60	350	0.63	500	950	650



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150nH	FHW1008UC R15 KGT	150	25	45	100	0.70	500	800	580
220nH	FHW1008UC R22 KGT	220	25	45	100	0.84	500	620	500
270nH	FHW1008UC R27 KGT	270	25	45	100	0.91	500	600	500
330nH	FHW1008UC R33 KGT	330	25	45	100	1.05	500	500	450
390nH	FHW1008UC R39 KGT	390	25	45	100	1.12	500	480	470
470nH	FHW1008UC R47 KGT	470	25	45	100	1.19	500	450	470
560nH	FHW1008UC R56 KGT	560	25	45	100	1.33	500	415	400
620nH	FHW1008UC R62 KGT	620	25	45	100	1.40	500	375	400
680nH	FHW1008UC R68 KGT	680	25	45	100	1.47	500	375	400
750nH	FHW1008UC R75 KGT	750	25	45	100	1.54	500	360	360
820nH	FHW1008UC R82 KGT	820	25	45	100	1.61	500	250	400
910nH	FHW1008UC R91 KGT	910	25	35	50	1.68	500	220	380
1.0uH	FHW1008UC 1R0 KGT	1000	25	35	50	1.75	500	210	370
1.2uH	FHW1008UC 1R2 KGT	1200	7.9	35	50	2.00	500	200	310
1.5uH	FHW1008UC 1R5 KGT	1500	7.9	28	50	2.30	500	180	330
1.8uH	FHW1008UC 1R8 KGT	1800	7.9	28	50	2.60	500	160	300
2.2uH	FHW1008UC 2R2 KGT	2200	7.9	20	50	2.80	500	90	280
2.7uH	FHW1008UC 2R7 KGT	2700	7.9	22	25	3.20	500	80	290
3.3uH	FHW1008UC 3R3 KGT	3300	7.9	22	25	3.40	500	70	290
3.9uH	FHW1008UC 3R9 KGT	3900	7.9	16	25	3.60	500	60	260
4.7uH	FHW1008UC 4R7 KGT	4700	7.9	18	25	4.00	500	60	260



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5.6uH	FHW1008UC 5R6 KGT	5600	7.9	18	7.9	7.60	500	55	240
6.8uH	FHW1008UC 6R8 KGT	6800	7.9	18	7.9	8.20	500	50	200
7.5uH	FHW1008UC 7R5 KGT	7500	7.9	18	7.9	8.00	500	45	180
8.2uH	FHW1008UC 8R2 KGT	8200	7.9	18	7.9	8.20	500	40	170
10uH	FHW1008UC 100 KGT	10000	7.9	20	7.9	9.10	500	40	160
15uH	FHW1008UC 150 KGT	15000	7.9	20	7.9	9.10	500	40	160