



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 0603 size 35 values 10pc/value high frequency Inductor kit

35 values of high frequency power inductors, 10pc/value, total 350pcs

Tolerance: $\pm 0.3\text{nH}$ for 1N6J to R47J. $\pm 10\%$ for R56J and R68J

Dimensions: (L x W X T) 1.6 x 0.8 x 0.8mm

Operating Temperature Range: $-40^{\circ}\text{C} - 85^{\circ}\text{C}$

Value and Electrical Characteristics List

Label Value	Part No.	Inductance (nH)	Q Value (min)	RDC (Ω)max	Test frequency (MHz)	Test voltage (mV)	SRF (MHz) min	Rated current (mA)max
1N6J	VHF 160808H 1N6 ST	1.6	8	0.10	100	50	6000	500
1N8J	VHF 160808H 1N8 ST	1.8	8	0.10	100	50	6000	500
2N2J	VHF 160808H 2N2 ST	2.2	8	0.10	100	50	6000	500
3N3J	VHF 160808H 3N3 ST	3.3	10	0.15	100	50	6000	500
3N9J	VHF 160808H 3N9 ST	3.9	10	0.16	100	50	6000	500
4N7J	VHF 160808H 4N7 ST	4.7	10	0.20	100	50	6000	500
5N6J	VHF 160808H 5N6 ST	5.6	10	0.25	100	50	5000	500
6N8J	VHF 160808H 6N8 ST	6.8	10	0.30	100	50	5000	500
8N2J	VHF 160808H 8N2 ST	8.2	10	0.35	100	50	4500	500
010J	VHF 160808H 10N ST	10	12	0.40	100	50	3500	300
012J	VHF 160808H 12N ST	12	12	0.45	100	50	3000	300
015J	VHF 160808H 15N ST	15	12	0.50	100	50	2300	300
018J	VHF 160808H 18N ST	18	12	0.55	100	50	2200	300
022J	VHF 160808H 22N ST	22	12	0.60	100	50	2000	300
027J	VHF 160808H 27N ST	27	12	0.65	100	50	1700	300
033J	VHF 160808H 33N ST	33	12	0.70	100	50	1500	300
039J	VHF 160808H 39N ST	39	12	0.70	100	50	1400	300
047J	VHF 160808H 47N ST	47	12	0.70	100	50	1200	300
056J	VHF 160808H 56N ST	56	12	0.75	100	50	1100	300
068J	VHF 160808H 68N ST	68	12	0.85	100	50	900	300
072J	VHF 160808H 72N ST	72	12	0.85	100	50	800	300
082J	VHF 160808H 82N ST	82	8	1.00	100	50	800	300
R10J	VHF 160808H R10 ST	100	8	1.20	100	50	700	300
R11J	VHF 160808H R11 ST	110	8	1.20	100	50	700	300
R12J	VHF 160808H R12 ST	120	8	1.40	50	50	600	200
R15J	VHF 160808H R15 ST	150	8	1.60	50	50	500	200
R18J	VHF 160808H R18 ST	180	8	1.90	50	50	400	200
R20J	VHF 160808H R20 ST	200	8	1.90	50	50	350	200
R22J	VHF 160808H R22 ST	220	8	2.40	50	50	350	200
R27J	VHF 160808H R27 ST	270	8	2.60	50	50	350	150



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

Tel.: (408) 329-7985

Fax: (866) 571-5680

www.aidetek.com support@aidetek.com

R33J	VHF 160808H R33 ST	330	8	2.80	50	50	350	150
R39J	VHF 160808H R39 ST	390	8	3.20	50	50	300	150
R47J	VHF 160808H R47 ST	470	8	3.60	50	50	250	150
R56J	CMI100505UR56KT	560	15	3.00	10	50	55	20
R68J	CMI100505UR68KT	680	15	2.30	10	50	50	20