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AideTek® SMD 0603 size 101 values 50pc/value capacitor kit C06-50



0603 size, 101 values, 50pcs/value total 5050pcs filled in Aidetek BOX-ALL-144 from to 0.5pF to 22uF

Quick + easy to access all 100 values in a compact enclosure using tweezers.

Below is the value list and part number:

Capacitance	Dielectric	Tolerance	Voltage (V)	Parts Number	Manufacturer
0.5pF	COG	± 0.25pF	50V	0603CG 0R5 C500NT	FH
1.0pF	COG	± 0.25pF	50V	TCC0603COG 1R0 C500CT	CCTC
1.2pF	COG	± 0.25pF	50V	TCC0603COG 1R2 C500CT	CCTC
1.5pF	COG	± 0.25pF	50V	TCC0603COG 1R5 C500CT	CCTC
1.8pF	COG	± 0.25pF	50V	0603CG 1R8 C500NT	FH
2.0pF	COG	± 0.25pF	50V	TCC0603COG 2R0 C500CT	CCTC
2.2pF	NPO	± 0.25pF	50V	0603N 2R2 C500CT	WALSIN
2.7pF	COG	± 0.25pF	50V	0603CG 2R7 C500NT	FH
3.0pF	COG	± 0.25pF	50V	0603CG 3R0 C500NT	FH
3.3pF	COG	± 0.25pF	50V	TCC0603COG 3R3 C500CT	CCTC
3.9pF	COG	± 0.25pF	50V	TCC0603COG 3R9 C500CT	CCTC
4.7pF	COG	± 0.25pF	50V	TCC0603COG 4R7 C500CT	CCTC
5.0pF	COG	± 0.25pF	50V	TCC0603COG 5R0 C500CT	CCTC
5.6pF	COG	± 0.25pF	50V	0603CG 5R6 C500NT	FH
6.8pF	COG	± 0.25pF	50V	TCC0603COG 6R8 C500CT	CCTC
8.2pF	COG	± 0.25pF	50V	TCC0603COG 8R2 C500CT	CCTC
10pF	COG	± 5%	50V	TCC0603COG 100 J500CT	CCTC
12pF	COG	± 5%	50V	TCC0603COG 120 J500CT	CCTC
15pF	COG	± 5%	50V	TCC0603COG 150 J500CT	CCTC
18pF	COG	± 5%	50V	TCC0603COG 180 J500CT	CCTC
22pF	COG	± 5%	50V	TCC0603COG 220 J500CT	CCTC
27pF	COG	± 5%	50V	TCC0603COG 270 J500CT	CCTC
33pF	COG	± 5%	50V	0603CG 330 J500NT	FH
39pF	COG	± 5%	50V	0603CG 390 J500NT	FH
47pF	COG	± 5%	50V	TCC0603COG 470 J500CT	CCTC
51pF	COG	± 5%	50V	TCC0603COG 510 J500CT	CCTC
56pF	COG	± 5%	50V	TCC0603COG 560 J500CT	CCTC
68pF	COG	± 5%	50V	TCC0603COG 680 J500CT	CCTC
82pF	COG	± 5%	50V	TCC0603COG 820 J500CT	CCTC
100pF	COG	± 5%	50V	TCC0603COG 101 J500CT	CCTC
150pF	COG	± 5%	50V	TCC0603COG 151 J500CT	CCTC
180pF	NPO	± 5%	50V	C0603JR NPO 9BN 181	YAGEO
220pF	NPO	± 5%	50V	0603N 221 J500CT	WALSIN
270pF	COG	± 5%	50V	TCC0603COG 271 J500CT	CCTC
330pF	NPO	± 5%	50V	0603N 331 J500CT	WALSIN
390pF	COG	± 5%	50V	TCC0603COG 391 J500CT	CCTC
470pF	NPO	± 5%	50V	0603N 471 J500CT	WALSIN



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560pF	COG	± 5%	50V	TCC0603COG 561 J500CT	CCTC
680pF	COG	± 10%	50V	TCC0603COG 681 K500CT	CCTC
820pF	X7R	± 10%	50V	TCC0603X7R 821 K500CT	CCTC
1.0nF	X7R	± 10%	50V	0603B 102 K500CT	WALSIN
1.2nF	X7R	± 10%	50V	TCC0603X7R 122 K500CT	CCTC
220pF	X7R	± 10%	50V	TCC0603X7R 221 K500CT	CCTC
270pF	X7R	± 10%	50V	TCC0603X7R 271 K500CT	CCTC
330pF	X7R	± 10%	50V	TCC0603X7R 331 K500CT	CCTC
390pF	X7R	± 10%	50V	0603B 391 K500NT	FH
470pF	X7R	± 10%	50V	0603B 471 K500NT	FH
560pF	X7R	± 10%	50V	TCC0603X7R 561 K500CT	CCTC
680pF	X7R	± 10%	50V	TCC0603X7R 681 K500CT	CCTC
820pF	X7R	± 10%	50V	TCC0603X7R 821 K500CT	CCTC
1.0nF	X7R	± 10%	50V	TCC0603X7R 102K500CTS	CCTC
1.2nF	X7R	± 10%	50V	TCC0603X7R 122 K500CT	CCTC
1.5nF	X7R	± 10%	50V	TCC0603X7R 152 K500CT	CCTC
1.8nF	X7R	± 10%	50V	0603B 182 K500NT	FH
2.2nF	X7R	± 10%	50V	TCC0603X7R 222 K500CT	CCTC
2.7nF	X7R	± 10%	50V	TCC0603X7R 272 K500CT	CCTC
3.3nF	X7R	± 10%	50V	TCC0603X7R 332 K500CT	CCTC
3.9nF	X7R	± 10%	50V	TCC0603X7R 392 K500CT	CCTC
4.7nF	X7R	± 10%	50V	TCC0603X7R 472 K500CT	CCTC
5.6nF	X7R	± 10%	50V	0603B 562 K500CT	WALSIN
6.8nF	X7R	± 10%	50V	TCC0603X7R 682 K500CT	CCTC
8.2nF	X7R	± 10%	50V	0603B 822 K500NT	FH
10nF	X7R	± 10%	50V	0603B 103 K500NT	FH
12nF	X7R	± 10%	50V	TCC0603X7R 123 K500CT	CCTC
15nF	X7R	± 10%	50V	TCC0603X7R 153 K500CT	CCTC
18nF	X7R	± 10%	50V	TCC0603X7R 183 K500CT	CCTC
22nF	X7R	± 10%	50V	TCC0603X7R 223 K500CT	CCTC
27nF	X7R	± 10%	50V	TCC0603X7R 273 K500CT	CCTC
33nF	X7R	± 10%	50V	TCC0603X7R 333 K500CT	CCTC
39nF	X7R	± 10%	50V	TCC0603X7R 393 K500CT	CCTC
47nF	X7R	± 10%	50V	TCC0603X7R 473 K500CT	CCTC
56nF	X7R	± 10%	50V	TCC0603X7R 563 K500CT	CCTC
68nF	X7R	± 10%	50V	TCC0603X7R 683 K500CT	CCTC
82nF	X7R	± 10%	50V	TCC0603X7R 823 K500CT	CCTC
100nF	X7R	± 10%	50V	C0603KR X7R 9BB 104	YAGEO
150nF	X7R	± 10%	50V	TCC0603X7R 154 K500CT	CCTC
220nF	X7R	± 10%	50V	TCC0603X7R 224 K500CT	CCTC
470nF	X7R	± 10%	25V	TCC0603X7R 474 K250CT	CCTC
1.0uF	X5R	± 10%	16V	CL10A 105K08NNNC	SAMSUNG
10nF	X7R	± 10%	50V	0603B 103 K500NT	FH
12nF	X7R	± 10%	50V	TCC0603X7R 123 K500CT	CCTC
15nF	X7R	± 10%	50V	TCC0603X7R 153 K500CT	CCTC
18nF	X7R	± 10%	50V	TCC0603X7R 183 K500CT	CCTC
22nF	X7R	± 10%	50V	TCC0603X7R 223 K500CT	CCTC
27nF	X7R	± 10%	50V	TCC0603X7R 273 K500CT	CCTC
33nF	X7R	± 10%	50V	0603B 333 K500CT	WALSIN
39nF	X7R	± 10%	50V	TCC0603X7R 393 K500CT	CCTC
47nF	X7R	± 10%	50V	0603B 473 K500CT	WALSIN
56nF	X7R	± 10%	50V	C0603KR X7R 9BB 563	YAGEO
68nF	X7R	± 10%	50V	TCC0603X7R 683 K500CT	CCTC
82nF	X7R	± 10%	50V	TCC0603X7R 823 K500CT	CCTC
100nF	Y5V	+80% -20%	50V	0603F 104 Z500CT	WALSIN
150nF	X7R	± 10%	50V	TCC0603X7R 154 K500CT	CCTC
220nF	X7R	± 10%	50V	TCC0603X7R 224 K500CT	CCTC
330nF	X7R	± 10%	25V	CS1608X7R 334 K250NRB	SAMWHA
470nF	X7R	± 10%	25V	CS1608X7R 474 K250NRB	SAMWHA



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1.0uF	X5R	± 10%	16V	CL10A 105 KO8NNNC	SAMSUNG
2.2uF	X5R	± 10%	10V	CL10A 225 KP8NNNC	SAMSUNG
4.7uF	X5R	± 10%	6.3V	CL10A 475 KQ8NNNE	SAMSUNG
10uF	X5R	± 20%	6.3V	CL10A 106 MQ8NNNC	SAMSUNG
22uF	X5R	± 20%	6.3V	CL10A 226 MQ8NRNC	SAMSUNG

Below are the labels for this C06-50 capacitor kit:

0.5pF NC50	1.0pF NC50	1.2pF NC50	1.5pF NC50	1.8pF NC50	2.0pF NC50	2.2pF NC50	2.7pF NC50	3.0pF NC50
3.3pF NC50	3.9pF NC50	4.7pF NC50	5.0pF ND50	5.6pF ND50	6.8 pF ND50	8.2pF ND50	10pF NJ50	12pF NJ50
15pF NJ50	18pF NJ50	22pF NJ50	27pF NJ50	33pF NJ50	39pF NJ50	47pF NJ50	51pF NJ50	56pF NJ50
68pF NJ50	82pF NJ50	100pF NJ50	150pF NJ50	180pF NJ50	220pF NJ50	270pF NJ50	330pF NJ50	390pF NJ50
470pF NJ50	560pF NJ50	680pF NJ50	820pF NJ50	1.0nF NJ50	1.2nF NJ50	220pF XK50	270pF XK50	330pF XK50
390pF XK50	470pF XK50	560pF XK50	680pF XK50	820pF XK50	1.0nF XK50	1.2nF XK50	1.5nF XK50	1.8nF XK50
2.2nF XK50	2.7nF XK50	3.3nF XK50	3.9nF XK50	4.7nF XK50	5.6nF XK50	6.8nF XK50	8.2nF XK50	10nF XK50
12nF XK50	15nF XK50	18nF XK50	22nF XK50	27nF XK50	33nF XK50	39nF XK50	47nF XK50	56nF XK50
68nF XK50	82nF XK50	100nF XK50	150nF XK50	220nF XK50	470nF XK50	1.0uF XK50	10nF YM50	12nF YM50
15nF YM50	18nF YM50	22nF YM50	27nF YM50	33nF YM50	39nF YM50	47nF YM50	56nF YM50	68nF YM50
82nF YM50	100nF YM50	150nF YM50	220nF YM25	330nF YM25	470nF YM25	1.0uF YM10	2.2uF YM10	4.7uF YZ10
10uF YZ06	22uF YZ06							



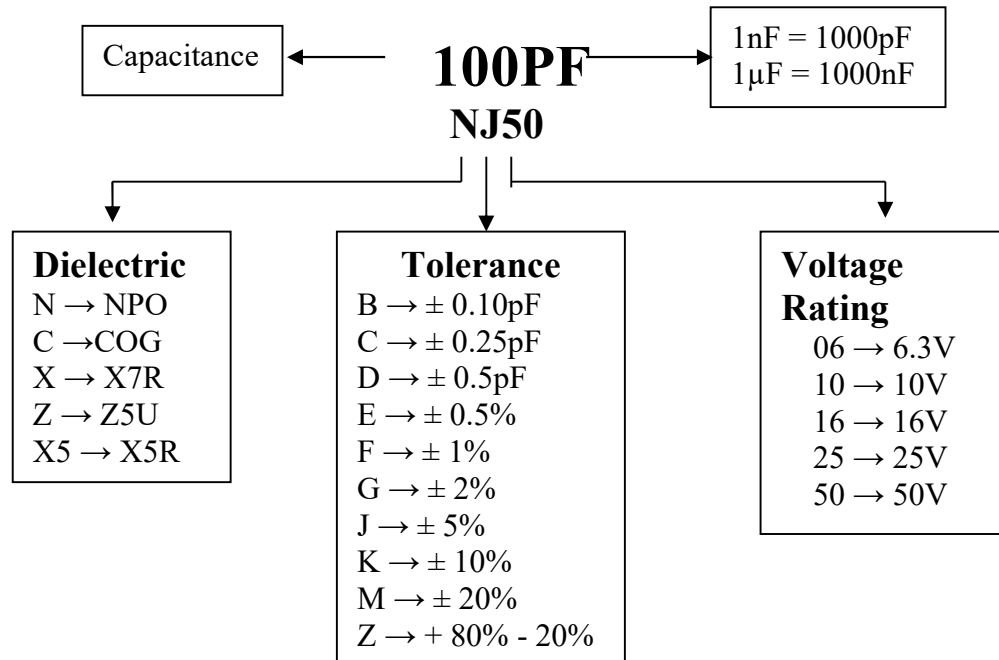
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Below is the AideTek® Multilayer ceramic SMD Capacitor kits Codes Meaning:



Click below to download the manufacturer's datasheet:

<https://www.aidetek.com/AideTek MLCC sunsung capacitor datasheet.pdf>

<https://www.aidetek.com/AideTek CTCC capacitor datasheet.pdf>

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