



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 0805 size 102 values 50pc/value capacitor kit C08-50



0805 size, 102 values, 50pcs/value total 5100 pcs filled in Aidetek BOX-ALL-144 from to 0.5pF to 47uF.

Quick + easy to access all 102 values in a compact enclosure using tweezers.

Below is the value list:

| Capacitance | Dielectric | Tolerance | Voltage (V) | Parts Number | Manufacturer |
|-------------|------------|-----------|-------------|-----------------------|--------------|
| 0.5pF | COG | ± 0.25pF | 50V | 0805CG 0R5 C500NT | FH |
| 1.0pF | COG | ± 0.25pF | 50V | 0805CG 1R0 C500NT | FH |
| 1.2pF | COG | ± 0.25pF | 50V | 0805CG 1R2 C500NT | FH |
| 1.5pF | COG | ± 0.25pF | 50V | 0805CG 1R5 C500NT | FH |
| 1.8pF | COG | ± 0.25pF | 50V | 0805CG 1R8 C500NT | FH |
| 2.0pF | COG | ± 0.25pF | 50V | 0805CG 2R0 C500NT | FH |
| 2.2pF | COG | ± 0.25pF | 50V | 0805CG 2R2 C500NT | FH |
| 2.7pF | COG | ± 0.25pF | 50V | 0805CG 2R7 C500NT | FH |
| 3.0pF | COG | ± 0.25pF | 50V | 0805CG 3R0 C500NT | FH |
| 3.3pF | COG | ± 0.25pF | 50V | 0805CG 3R3 C500NT | FH |
| 3.9pF | COG | ± 0.25pF | 50V | 0805CG 3R9 C500NT | FH |
| 4.7pF | COG | ± 0.25pF | 50V | 0805CG 4R7 C500NT | FH |
| 5.0pF | COG | ± 0.25pF | 50V | 0805CG 5R0 C500NT | FH |
| 5.6pF | COG | ± 0.25pF | 50V | 0805CG 5R6 C500NT | FH |
| 6.8pF | COG | ± 0.25pF | 50V | 0805CG 6R8 C500NT | FH |
| 8.2pF | COG | ± 0.25pF | 50V | 0805CG 8R2 C500NT | FH |
| 10pF | COG | ± 5% | 50V | 0805CG 100 J500NT | FH |
| 12pF | COG | ± 5% | 50V | 0805CG 120 J500NT | FH |
| 15pF | COG | ± 5% | 50V | 0805CG 150 J500NT | FH |
| 18pF | COG | ± 5% | 50V | 0805CG 180 J500NT | FH |
| 22pF | COG | ± 5% | 50V | 0805CG 220 J500NT | FH |
| 27pF | COG | ± 5% | 50V | 0805CG 270 J500NT | FH |
| 33pF | COG | ± 5% | 50V | 0805CG 330 J500NT | FH |
| 39pF | COG | ± 5% | 50V | 0805CG 390 J500NT | FH |
| 47pF | COG | ± 5% | 50V | 0805CG 470 J500NT | FH |
| 51pF | COG | ± 5% | 50V | 0805CG 510 J500NT | FH |
| 56pF | COG | ± 5% | 50V | 0805CG 560 J500NT | FH |
| 68pF | COG | ± 5% | 50V | 0805CG 680 J500NT | FH |
| 82pF | COG | ± 5% | 50V | 0805CG 820 J500NT | FH |
| 100pF | COG | ± 5% | 50V | 0805CG 101 J500NT | FH |
| 150pF | COG | ± 5% | 50V | TCC0805COG 151 J500BT | CCTC |
| 180pF | COG | ± 5% | 50V | TCC0805COG 181 J500BT | CCTC |
| 220pF | COG | ± 5% | 50V | TCC0805COG 221 J500BT | CCTC |
| 270pF | COG | ± 5% | 50V | TCC0805COG 271 J500BT | CCTC |
| 330pF | COG | ± 5% | 50V | TCC0805COG 331 J500BT | CCTC |
| 390pF | COG | ± 5% | 50V | TCC0805COG 391 J500BT | CCTC |
| 470pF | COG | ± 5% | 50V | TCC0805COG 471 J500BT | CCTC |
| 560pF | COG | ± 5% | 50V | TCC0805COG 561 J500BT | CCTC |
| 680pF | COG | ± 5% | 50V | TCC0805COG 681 J500BT | CCTC |
| 820pF | COG | ± 5% | 50V | TCC0805COG 821 J500BT | CCTC |



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

Tel.: (408) 329-7985

Fax: (866) 571-5680

www.aidetek.com support@aidetek.com

| | | | | | |
|-------|-----|-------|-----|------------------------|---------|
| 1.0nF | COG | ± 5% | 50V | TCC0805COG 102 J500BT | CCTC |
| 1.2nF | COG | ± 5% | 50V | TCC0805COG 122 J500BT | CCTC |
| 220pF | X7R | ± 10% | 50V | TCC0805X7R 221 K500DTS | CCTC |
| 270pF | X7R | ± 10% | 50V | TCC0805X7R 271 K500DT | CCTC |
| 330pF | X7R | ± 10% | 50V | TCC0805X7R 331 K500DT | CCTC |
| 390pF | X7R | ± 10% | 50V | TCC0805X7R 391 K500DT | CCTC |
| 470pF | X7R | ± 10% | 50V | TCC0805X7R 471 K500DTS | CCTC |
| 560pF | X7R | ± 10% | 50V | TCC0805X7R 561 K500DT | CCTC |
| 680pF | X7R | ± 10% | 50V | TCC0805X7R 681 K500DT | CCTC |
| 820pF | X7R | ± 10% | 50V | TCC0805X7R 821 K500DTS | CCTC |
| 1.0nF | X7R | ± 10% | 50V | TCC0805X7R 102 K500DT | CCTC |
| 1.2nF | X7R | ± 10% | 50V | TCC0805X7R 122 K500DT | CCTC |
| 1.5nF | X7R | ± 10% | 50V | TCC0805X7R 152 K500DT | CCTC |
| 1.8nF | X7R | ± 10% | 50V | TCC0805X7R 182 K500DT | CCTC |
| 2.2nF | X7R | ± 10% | 50V | TCC0805X7R 222 K500DT | CCTC |
| 2.7nF | X7R | ± 10% | 50V | TCC0805X7R 272 K500DT | CCTC |
| 3.3nF | X7R | ± 10% | 50V | TCC0805X7R 332 K500DT | CCTC |
| 3.9nF | X7R | ± 10% | 50V | TCC0805X7R 392 K500DT | CCTC |
| 4.7nF | X7R | ± 10% | 50V | TCC0805X7R 472 K500DT | CCTC |
| 5.6nF | X7R | ± 10% | 50V | TCC0805X7R 562 K500DT | CCTC |
| 6.8nF | X7R | ± 10% | 50V | TCC0805X7R 682 K500DT | CCTC |
| 8.2nF | X7R | ± 10% | 50V | TCC0805X7R 822 K500DT | CCTC |
| 10nF | X7R | ± 10% | 50V | TCC0805X7R 103 K500DT | CCTC |
| 12nF | X7R | ± 10% | 50V | 0805B 123 K500NT | FH |
| 15nF | X7R | ± 10% | 50V | TCC0805X7R 153 K500DT | CCTC |
| 18nF | X7R | ± 10% | 50V | TCC0805X7R 183 K500DT | CCTC |
| 22nF | X7R | ± 10% | 50V | TCC0805X7R 223 K500DT | CCTC |
| 27nF | X7R | ± 10% | 50V | 0805B 273 K500NT | FH |
| 33nF | X7R | ± 10% | 50V | TCC0805X7R 333 K500DT | CCTC |
| 39nF | X7R | ± 10% | 50V | TCC0805X7R 393 K500DT | CCTC |
| 47nF | X7R | ± 10% | 50V | TCC0805X7R 473 K500DT | CCTC |
| 56nF | X7R | ± 10% | 50V | TCC0805X7R 563 K500DT | CCTC |
| 68nF | X7R | ± 10% | 50V | TCC0805X7R 683 K500DT | CCTC |
| 82nF | X7R | ± 10% | 50V | TCC0805X7R 823 K500DT | CCTC |
| 100nF | X7R | ± 10% | 50V | TCC0805X7R 104 K500DT | CCTC |
| 150nF | X7R | ± 10% | 50V | TCC0805X7R 154 K500DT | CCTC |
| 220nF | X7R | ± 10% | 50V | TCC0805X7R 224 K500DT | CCTC |
| 470nF | X7R | ± 10% | 50V | TCC0805X7R 474 K500DT | CCTC |
| 680nF | X7R | ± 10% | 50V | TCC0805X7R 684 K500DT | CCTC |
| 1.0uF | X7R | ± 10% | 16V | CL21B 105KONE | SAMSUNG |
| 10nF | X7R | ± 10% | 50V | TCC0805X7R 103 K500DT | CCTC |
| 12nF | X7R | ± 10% | 50V | 0805B 123 K500NT | FH |
| 15nF | X7R | ± 10% | 50V | TCC0805X7R 153 K500DT | CCTC |
| 18nF | X7R | ± 10% | 50V | TCC0805X7R 183 K500DT | CCTC |
| 22nF | X7R | ± 10% | 50V | TCC0805X7R 223 K500DT | CCTC |
| 27nF | X7R | ± 10% | 50V | 0805B 273 K500NT | FH |
| 33nF | X7R | ± 10% | 50V | TCC0805X7R 333 K500DT | CCTC |
| 39nF | X7R | ± 10% | 50V | TCC0805X7R 393 K500DT | CCTC |
| 47nF | X7R | ± 10% | 50V | TCC0805X7R 473 K500DT | CCTC |
| 56nF | X7R | ± 10% | 50V | TCC0805X7R 563 K500DT | CCTC |
| 68nF | X7R | ± 10% | 50V | TCC0805X7R 683 K500DT | CCTC |
| 82nF | X7R | ± 10% | 50V | TCC0805X7R 823 K500DT | CCTC |
| 100nF | X7R | ± 10% | 50V | TCC0805X7R 104 K500DT | CCTC |
| 150nF | X7R | ± 10% | 50V | TCC0805X7R 154 K500DT | CCTC |
| 220nF | X7R | ± 10% | 50V | TCC0805X7R 224 K500DT | CCTC |
| 330nF | X7R | ± 10% | 50V | TCC0805X7R 334 K500DT | CCTC |
| 470nF | X7R | ± 10% | 50V | TCC0805X7R 474 K500DT | CCTC |
| 1.0uF | X7R | ± 10% | 16V | CL21B 105 KONE | SAMSUNG |
| 2.2uF | X5R | ± 10% | 25V | CL21A 225 KAFN | SAMSUNG |



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

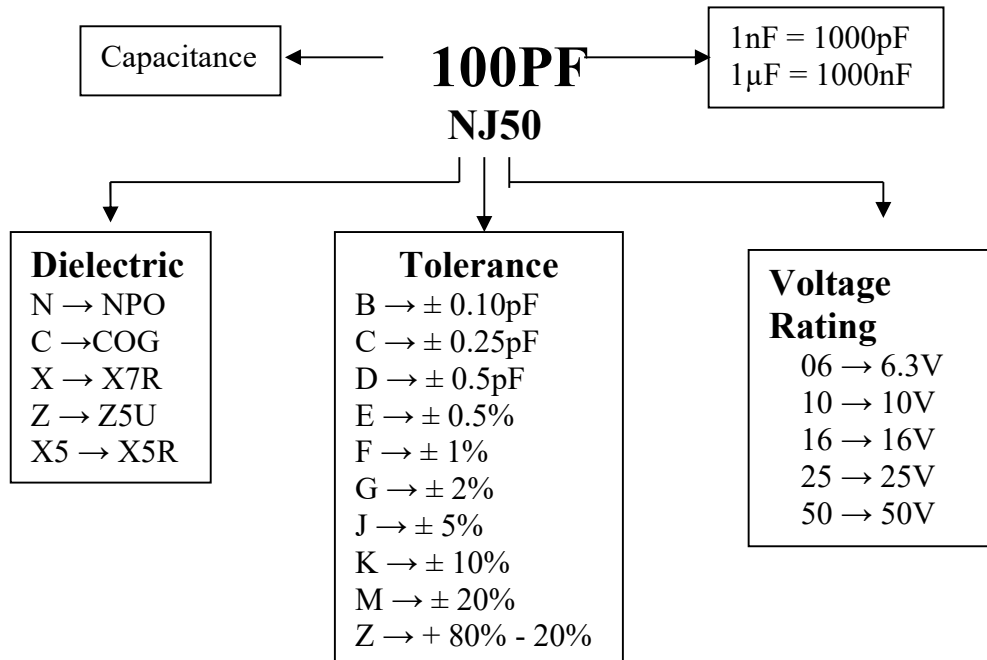
Tel.: (408) 329-7985

Fax: (866) 571-5680

www.aidetek.com support@aidetek.com

| | | | | | |
|-------|-----|-----------|------|-------------------|---------|
| 4.7uF | Y5V | +80% -20% | 16V | CL21F 475 ZOFN | SAMSUNG |
| 10uF | X5R | ± 10% | 10V | CL21A 106 KPFN | SAMSUNG |
| 22uF | X5R | ± 20% | 6.3V | CL21A 226 MQQN | SAMSUNG |
| 47uF | X5R | ± 20% | 6.3V | CL21A 476 MQYNNNE | SAMSUNG |

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>

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