

| PART NUMBER | SIZE | POWER RATING | TOLERANCE |
|-------------|------|--------------|--------------------------------|
| C0603 | 0603 | 6.3V - 50V | $\pm 25\text{pF}$ - $\pm 20\%$ |

SERIES DATASHEET

[C Series Datasheet](#)

NEED A RESTOCK?

1. Scan the QR Code
or visit <https://venkel.com/kit-refill>
2. Enter the parts that need to be restocked
3. Wait for your parts to come!



PART NUMBERS

| PART | DESCRIPTION |
|--------------------|--|
| C0603COG500-0R5CNP | Chip Capacitor,0603,COG,50V,0.5pF, $\pm 0.25\text{pF}$ |
| C0603COG500-1R0CNP | Chip Capacitor,0603,COG,50V,1pF, $\pm 0.25\text{pF}$ |
| C0603COG500-1R2CNP | Chip Capacitor,0603,COG,50V,1.2pF, $\pm 0.25\text{pF}$ |
| C0603COG500-1R5CNP | Chip Capacitor,0603,COG,50V,1.5pF, $\pm 0.25\text{pF}$ |
| C0603COG500-1R8CNP | Chip Capacitor,0603,COG,50V,1.8pF, $\pm 0.25\text{pF}$ |
| C0603COG500-2R0CNP | Chip Capacitor,0603,COG,50V,2pF, $\pm 0.25\text{pF}$ |
| C0603COG500-2R2CNP | Chip Capacitor,0603,COG,50V,2.2pF, $\pm 0.25\text{pF}$ |
| C0603COG500-2R7CNP | Chip Capacitor,0603,COG,50V,2.7pF, $\pm 0.25\text{pF}$ |
| C0603COG500-3R3CNP | Chip Capacitor,0603,COG,50V,3.3pF, $\pm 0.25\text{pF}$ |
| C0603COG500-3R9CNP | Chip Capacitor,0603,COG,50V,3.9pF, $\pm 0.25\text{pF}$ |
| C0603COG500-4R0CNP | Chip Capacitor,0603,COG,50V,4pF, $\pm 0.25\text{pF}$ |
| C0603COG500-4R7CNP | Chip Capacitor,0603,COG,50V,4.7pF, $\pm 0.25\text{pF}$ |
| C0603COG500-5R0CNP | Chip Capacitor,0603,COG,50V,5pF, $\pm 0.25\text{pF}$ |
| C0603COG500-5R1CNP | Chip Capacitor,0603,COG,50V,5.1pF, $\pm 0.25\text{pF}$ |
| C0603COG500-5R6CNP | Chip Capacitor,0603,COG,50V,5.6pF, $\pm 0.25\text{pF}$ |
| C0603COG500-6R8CNP | Chip Capacitor,0603,COG,50V,6.8pF, $\pm 0.25\text{pF}$ |
| C0603COG500-7R0CNP | Chip Capacitor,0603,COG,50V,7pF, $\pm 0.25\text{pF}$ |
| C0603COG500-7R5CNP | Chip Capacitor,0603,COG,50V,7.5pF, $\pm 0.25\text{pF}$ |
| C0603COG500-8R0CNP | Chip Capacitor,0603,COG,50V,8pF, $\pm 0.25\text{pF}$ |
| C0603COG500-8R2CNP | Chip Capacitor,0603,COG,50V,8.2pF, $\pm 0.25\text{pF}$ |
| C0603COG500-9R0CNP | Chip Capacitor,0603,COG,50V,9pF, $\pm 0.25\text{pF}$ |
| C0603COG500-100JNP | Chip Capacitor,0603,COG,50V,10pF, $\pm 5\%$ |
| C0603COG500-120JNP | Chip Capacitor,0603,COG,50V,12pF, $\pm 5\%$ |
| C0603COG500-150JNP | Chip Capacitor,0603,COG,50V,15pF, $\pm 5\%$ |
| C0603COG500-180JNP | Chip Capacitor,0603,COG,50V,18pF, $\pm 5\%$ |

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|--------------------|---|
| C0603COG500-220JNP | Chip Capacitor,0603,COG,50V,22pF,±5% |
| C0603COG500-270JNP | Chip Capacitor,0603,COG,50V,27pF,±5% |
| C0603COG500-330JNP | Chip Capacitor,0603,COG,50V,33pF,±5% |
| C0603COG500-390JNP | Chip Capacitor,0603,COG,50V,39pF,±5% |
| C0603COG500-470JNP | Chip Capacitor,0603,COG,50V,47pF,±5% |
| C0603COG500-560JNP | Chip Capacitor,0603,COG,50V,56pF,±5% |
| C0603COG500-820JNP | Chip Capacitor,0603,COG,50V,82pF,±5% |
| C0603COG500-101JNP | Chip Capacitor,0603,COG,50V,100pF,±5% |
| C0603COG500-121JNP | Chip Capacitor,0603,COG,50V,120pF,±5% |
| C0603COG500-151JNP | Chip Capacitor,0603,COG,50V,150pF,±5% |
| C0603COG500-181JNP | Chip Capacitor,0603,COG,50V,180pF,±5% |
| C0603COG500-221JNP | Chip Capacitor,0603,COG,50V,220pF,±5% |
| C0603COG500-271JNP | Chip Capacitor,0603,COG,50V,270pF,±5% |
| C0603COG500-331JNP | Chip Capacitor,0603,COG,50V,330pF,±5% |
| C0603COG500-391JNP | Chip Capacitor,0603,COG,50V,390pF,±5% |
| C0603COG500-471JNP | Chip Capacitor,0603,COG,50V,470pF,±5% |
| C0603COG500-561JNP | Chip Capacitor,0603,COG,50V,560pF,±5% |
| C0603COG500-681JNP | Chip Capacitor,0603,COG,50V,680pF,±5% |
| C0603COG500-821JNP | Chip Capacitor,0603,COG,50V,820pF,±5% |
| C0603COG500-102JNP | Chip Capacitor,0603,COG,50V,1000pF,±5% |
| C0603COG500-152JNP | Chip Capacitor,0603,COG,50V,1500pF,±5% |
| C0603COG500-222JNP | Chip Capacitor,0603,COG,50V,2200pF,±5% |
| C0603COG500-272JNP | Chip Capacitor,0603,COG,50V,2700pF,±5% |
| C0603COG250-103JNP | Chip Capacitor,0603,COG,25V,0.01uF,±5% |
| C0603X7R500-471KNP | Chip Capacitor,0603,X7R,50V,470pF,±10% |
| C0603X7R500-561KNP | Chip Capacitor,0603,X7R,50V,560pF,±10% |
| C0603X7R500-681KNP | Chip Capacitor,0603,X7R,50V,680pF,±10% |
| C0603X7R500-102KNP | Chip Capacitor,0603,X7R,50V,1000pF,±10% |
| C0603X7R500-122KNP | Chip Capacitor,0603,X7R,50V,1200pF,±10% |
| C0603X7R500-152KNP | Chip Capacitor,0603,X7R,50V,1500pF,±10% |
| C0603X7R500-182KNP | Chip Capacitor,0603,X7R,50V,1800pF,±10% |
| C0603X7R500-222KNP | Chip Capacitor,0603,X7R,50V,2200pF,±10% |
| C0603X7R500-272KNP | Chip Capacitor,0603,X7R,50V,2700pF,±10% |
| C0603X7R500-332KNP | Chip Capacitor,0603,X7R,50V,3300pF,±10% |
| C0603X7R500-392KNP | Chip Capacitor,0603,X7R,50V,3900pF,±10% |
| C0603X7R500-472KNP | Chip Capacitor,0603,X7R,50V,4700pF,±10% |
| C0603X7R500-562KNP | Chip Capacitor,0603,X7R,50V,5600pF,±10% |
| C0603X7R500-682KNP | Chip Capacitor,0603,X7R,50V,6800pF,±10% |
| C0603X7R500-103KNP | Chip Capacitor,0603,X7R,50V,0.01uF,±10% |

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| PART | DESCRIPTION |
|--------------------|---|
| C0603X7R500-153KNP | Chip Capacitor,0603,X7R,50V,0.015uF,±10% |
| C0603X7R500-473KNP | Chip Capacitor,0603,X7R,50V,0.047uF,±10% |
| C0603X7R500-683KNP | Chip Capacitor,0603,X7R,50V,0.068uF,±10% |
| C0603X7R500-104KNP | Chip Capacitor,0603,X7R,50V,0.1uF,±10% |
| C0603X7R160-224KNP | Chip Capacitor,0603,X7R,16V,0.22uF,±10% |
| C0603X7R160-474KNP | Chip Capacitor,0603,X7R,16V,0.47uF,±10% |
| C0603X7R100-105KNP | Chip Capacitor,0603,X7R,10V,1uF,±10% |
| C0603X7R160-105KNP | Chip Capacitor,0603,X7R,16V,1uF,±10% |
| C0603X7R100-225KNP | Chip Capacitor,0603,X7R,10V,2.2uF,±10% |
| C0603X5R6R3-105KNP | Chip Capacitor,0603,X5R,6.3V,1uF,±10% |
| C0603X5R6R3-475KNP | Chip Capacitor,0603,X5R,6.3V,4.7uF,±10% |
| C0603X5R6R3-106KNP | Chip Capacitor,0603,X5R,6.3V,10uF,±10% |
| C0603X5R6R3-106MNP | Chip Capacitor,0603,X5R,6.3V,10uF,±20% |
| C0603X5R6R3-226MNE | Chip Capacitor,0603,X5R,6.3V,22uF,±20% |
| C0603Y5V250-104ZNP | Chip Capacitor,0603,Y5V,25V,0.1uF,+80-20% |

ENVIRONMENTAL INFORMATION



RoHS Status
10 of 10 Compliant



REACH Status
Compliant



Halogen Status
Halogen Free



Conflict Mineral Status
Conflict Mineral Free