



HOW TO READ ORANGE DROP CAPACITORS

Need to determine the value of an Orange Drop cap?
Use the code on the capacitor (below the manufacturer's part number) to determine its value.

Manufacturer Coding

224 = capacitance in pico farads - 1st two digits are significant digits, 3rd digit is number of digits that follow (ie: 22 + 0000 = 220,000pF = .22μF)

K = tolerance, F = 1%, J = 5%, K = 10%

600V = voltage rating

9644V = date code (44th week of 1996)

Common Orange Drop Values

104 = 100000 pF = 100 nF = .1 uF

154 = 150000 pF = 150 nF = .15 uF

203 = 20000 pF = 20 nF = .02 uF

224 = 220000 pF = 220 nF = .22 uF

333 = 33000 pF = 33 nF = .033 uF

472 = 4700 pF = 4.7 nF = .0047 uF

473 = 47000 pF = 47 nF = .047 uF

474 = 470000 pF = 470 nF = .47 uF

Capacitance Value Relationships

1 pF = .001 nF = .0000001 uF

1 nF = 1000 pF = .001 uF

1 uF = 1000000 pF = 1000 nF

1 mF = 1 uF

1 mmF = 1 pF

pF to nF Divide by 1,000

pF to uF Divide by 1,000,000

nF to uF Divide by 1,000

uF was mF

nF was mmF

nF to pF Multiply by 1,000

uF to pF Multiply by 1,000,000

uF to nF Multiply by 1,000