

Select CAPACITOR MARKINGS

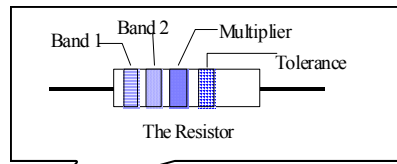
pico	nano	micro	code
1pF	.001nF	.000,001uF	<i>A Bar under</i>
4.7pF	.0047nF	.000,0047uF	<i>the number means</i>
10pF	.01nF	.000,01uF	<i>the value is in</i>
22pF	.022nF	.000,022uF	<i>pico farads</i>
100p	.1nF	.000,1uF	110
330pF	.33nF	.000,33uF	331
1000pF	1.0nF	.001uF	102
8200pF	8.2nF	.0082uF	822
10,000pF	10nF	.01uF	103
33,000pF	33nF	.033uF	333
100,000pF	100nF	.1uF	104
220,000pF	220nF	.22uF	224
1,000,000pF	1,000nF	1.0uF	105
4,700,000pF	4,700nF	4.7uF	475
10,000,000pF	10,000nF	10.0uF	106

Simple Ohm's law Circle.

Cover the letter that represents the unknown value and calculate it with the other two values. Example, if you cover "E" then you would multiply I x R. If you cover "I", then you would divide E by R. E=Voltage, I=Amps, R=Resistance.

10 the underline indicates Picofarads, so 33 means thirty-three picofarads etc.

FILE: 2M4 OHM SHEET RCR
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Simple POWER CIRCLE.

Cover the letter that represents the unknown value and calculate with the other two values. Example, cover "E" then you divide I into P. E=Voltage, I=Amps, P=Power in watts.

POWER CIRCLE

RESISTOR VALUES COLOR CODE CHART

Band three is the "multiplier band", the X means to multiply by the number shown in that column. A resistor with three brown bands is 110 ohms and so on.

*Gold fourth band, 5% tolerance. Silver fourth band, 10% tolerance
No fourth band, 20% tolerance.*

Color	Band 1	Band 2	Band 3	tolerance band 4
Black	0	0	X1	
Brown	1	1	X10	1%
Red	2	2	X100	2%
Orange	3	3	X1,000	3%
Yellow	4	4	X10,000	4%
Green	5	5	X100,000	
Blue	6	6	X1,000,000	
Violet	7	7	X10,000,000	
Gray	8	8	X100,000,000	
White	9	9	(none)	