Вk	0	Resistor Values:	Ohm's Law:
Br	1	3 or 4 bands grouped to one	$I = \frac{V}{R}$
Rd	2	side of package.	R
Or	3	Band on the insi	.de milli (m):
Yw	4	is multiplier (# of zeros)	0.001
Gn	5	(",	micro (μ) :
в1	6	Tolerance: 5	0.000 001 nano (n):
Pr	7	Silver 10% Gold 5%	0.000 000 001
sı	8	Red 2%	pico (p):
Wh	9	Brown 1% (0.000 000 000 001

Surface Mount Resistor Codes:

Two common tolerances: three (5%) or four (1%) digits. Last digit is the multiplier.

R is used to mark a decimal point (no multiplier).

Three Digit Capacitor Codes: Value in Pico-Farads

Third digit: 0-5 = multiplier 8 = 0.01 9 = 0.1

Power Equation:

$$Watts = \frac{Volts^2}{Ohms}$$

Bk	0	Resistor Values:	Ohm's Law:
Br	1	3 or 4 bands grouped to one	$I = \frac{V}{2}$
Rd	2	side of package.	- R
Or	3	Band on the inside	milli (m):
Yw	4	is multiplier (# of zeros)	0.001
Gn	5	` (*)	micro (µ):
в1	6	Tolerance: Silver 10%	0.000 001 nano (n):
Pr	7	Gold 5%	0.000 000 001
sl	8	Red 2%	pico (p):
Wh	9	Brown 1% 0.0	000 000 000 001

Surface Mount Resistor Codes:

Two common tolerances: three (5%) or four (1%) digits. Last digit is the multiplier.

R is used to mark a decimal point (no multiplier).

Three Digit Capacitor Codes:

Value in Pico-Farads

Third digit: 0-5 = multiplier 8 = 0.01 9 = 0.1

Power Equation:

$$Watts = \frac{Volts^2}{Ohms}$$

Вk	0	Resistor Values	Ohm's Law:
Br	1	3 or 4 bands grouped to one	$I = \frac{V}{R}$
Rd	2	side of package	
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Yw	4	is multiplier (# of zeros)	0.001
Gn	5	` ·	micro (μ) : 0.000 001
в1	6	Tolerance: Silver 10%	nano (n):
Pr	7	Gold 5%	0.000 000 001
sl	8	Red 2%	<pre>pico (p):</pre>
Wh	9	Brown 1%	0.000 000 000 001

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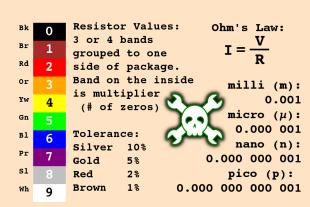
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