

Codice colori resistori

4 Band Carbon Film Resistor

Value **Value (ohms) = 100**

Tolerance **(+5%) 105 : (-5%) 95**

Color	Digit	Multiplier	Temperature Coefficient
Black	0		
Brown	1		
Red	2		
Orange	3		
Yellow	4		
Green	5		
Blue	6		
Violet	7		
Grey	8		
White	9		
Silver		/100	
Gold		/10	
Black		x1	
Brown		x10	
Red		x100	
Orange		x1,000	
Yellow		x10,000	
Green		x100,000	
Blue		x1,000,000	

5 Band Metal Film Resistor

Value **Value (ohms) = 9100 (9.1k)**

Tolerance **(+2%) 9282 : (-2%) 8918**

Color	Digit	Multiplier	Temperature Coefficient
Black	0		
Brown	1		
Red	2		
Orange	3		
Yellow	4		
Green	5		
Blue	6		
Violet	7		
Grey	8		
White	9		
Silver		/100	
Gold		/10	
Black		x1	
Brown		x10	
Red		x100	
Orange		x1,000	
Yellow		x10,000	
Green		x100,000	
Blue		x1,000,000	

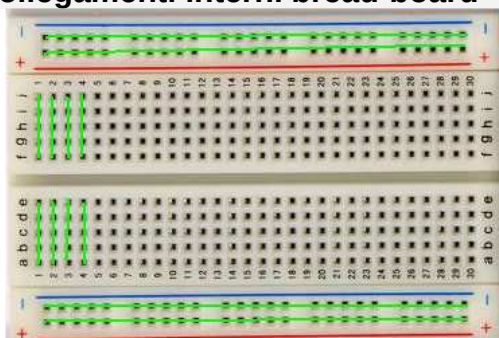
Valori preferiti

Si ottengono come multipli e sottomultipli di potenze di dieci, di una serie standard (es. E12, E24, E96 ecc.).

E12: 10 12 15 18 22 27 33 39 47 56 68 82

E24: 10 11 12 13 15 16 18 20 22 24 27 30 33 36 39 43 47 41 56 62 68 75 82 91

Collegamenti interni bread-board



Condensatori

VALORE			CODIFICHE		
pF	nF	μF			
10	0,01	0,00001	100		10
15	0,015	0,000015	150		15
22	0,022	0,000022	220		22
33	0,033	0,000033	330		33
47	0,047	0,000047	470		47
68	0,068	0,000068	680		68
100	0,10	0,0001	101		n10
150	0,15	0,00015	151		n15
220	0,22	0,00022	221		n22
330	0,33	0,00033	331		n33
470	0,47	0,00047	471		n47
680	0,68	0,00068	681		n68
1.000	1	0,001	102	.001	1n
1.500	1,5	0,0015	152	.0015	1n5
2.200	2,2	0,0022	222	.0022	2n2
3.300	3,3	0,0033	332	.0033	3n3
4.700	4,7	0,0047	472	.0047	4n7
6.800	6,8	0,0068	682	.0068	6n8
10.000	10	0,01	103	.01	10n
15000	15	0,015	153	.015	15n
22000	22	0,022	223	.022	22n
33000	33	0,033	333	.033	33n
47000	47	0,047	473	.047	47n
68000	68	0,068	683	.068	68n
100.000	100	0,1	104	.1	100n
150.000	150	0,15	154	.15	150n
220.000	220	0,22	224	.22	220n
330.000	330	0,33	334	.33	330n
470.000	470	0,47	474	.47	470n
680.000	680	0,68	684	.68	680n
1.000.000	1000	1	105	1	

TOLLERANZA

F = ±1%
G = ±2%
J = ±5%
K = ±10%
M = ±20%

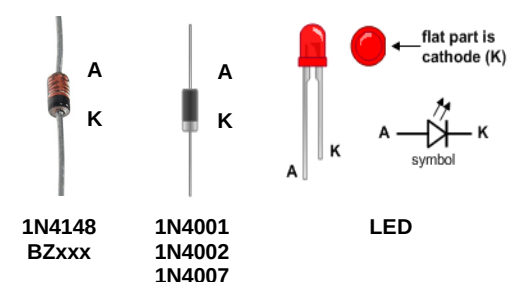
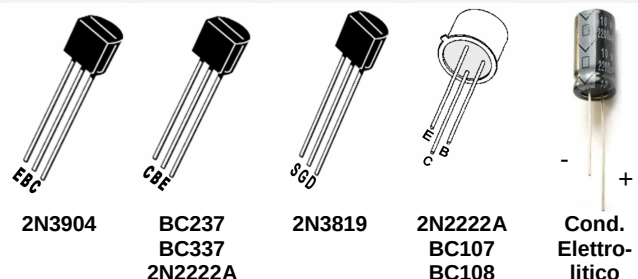
Un numero dopo il codice indica la massima tensione di lavoro

Esempio:

.1J63

100nF, ±5%, 63V max

Piedinature



TELPAR
ALTERNIVISTADRG