

Sústava SI

Dĺžka	l	meter	m
Hmotnosť	m	kilogram	kg
Čas	t	sekunda	s
Teplota	T	kelvin	K
Elektrický Prúd	I	Ampér	A
Svietivosť	I	Kandela	cd
Látkové množstvo	r	mol	mol

Rovinný uhol	α	radián	rad
Priestorový uhol	ω	steradián	sr

Značenie rezistora

How to Read Resistor Color Codes

6-Band $2\ 7\ 4\ 10^3\ 2\ 250\ \text{ppm/K}$ = $274\ \Omega \pm 2\%$, 250 ppm/K

Color	1st Digit	2nd Digit	3rd Digit	Multiplier	Tolerance	Temperature Coefficient
Black	0	0	0	1 Ω		250 ppm/K
Brown	1	1	1	10 Ω	$\pm 1\%$	100 ppm/K
Red	2	2	2	100 Ω	$\pm 2\%$	50 ppm/K
Orange	3	3	3	1k Ω		15 ppm/K
Yellow	4	4	4	10k Ω		25 ppm/K
Green	5	5	5	100k Ω	$\pm 0.5\%$	20 ppm/K
Blue	6	6	6	1M Ω	$\pm 0.25\%$	10 ppm/K
Violet	7	7	7		$\pm 0.1\%$	5 ppm/K
Grey	8	8	8			1 ppm/K
White	9	9	9			
Gold				0.1 Ω	$\pm 5\%$	
Silver				0.01 Ω	$\pm 10\%$	

4-Band $12 \times 10^3 \pm 5\%$ = 1,200 k Ω $\pm 5\%$

5-Band $100 \times 10^2 \pm 1\%$ = 10,000 Ω $\pm 1\%$

