



RESISTOR COLOR CODE

5-Band-Resistor  $234 * 100k\Omega = 23.4M\Omega @ 0.25\%$

Color	Band 1	Band 2	Band 3	Multiplic.	Tolerance
Black	0	0	0	10^0 (1 Ω)	
Brown	1	1	1	10^1 (10 Ω)	$\pm 1\%$
Red	2	2	2	10^2 (100 Ω)	$\pm 2\%$
Orange	3	3	3	10^3 (1k Ω)	
Yellow	4	4	4	10^4 (10k Ω)	
Green	5	5	5	10^5 (100k Ω)	$\pm 0.5\%$
Blue	6	6	6	10^6 (1M Ω)	$\pm 0.25\%$
Purple	7	7	7	10^7 (10M Ω)	$\pm 0.1\%$
Gray	8	8	8	10^8 (100M Ω)	$\pm 0.05\%$
White	9	9	9	10^9 (1G Ω)	
Gold				10^{-1} (100m Ω)	$\pm 5\%$
Silver				10^{-2} (10m Ω)	$\pm 10\%$

4-Band-Resistor  $23 * 10k\Omega = 230k\Omega @ 0.5\%$