

# 5-band Resistor Color Code



COLOR	1st BAND	2nd BAND	3rd BAND	MULTIPLIER	TOLERANCE
Black	0	0	0	1Ω	
Brown	1	1	1	10Ω	± 1% (F)
Red	2	2	2	100Ω	± 2% (G)
Orange	3	3	3	1KΩ	
Yellow	4	4	4	10KΩ	
Green	5	5	5	100KΩ	±0.5% (D)
Blue	6	6	6	1MΩ	±0.25% (C)
Violet	7	7	7	10MΩ	±0.10% (B)
Grey	8	8	8		±0.05%
White	9	9	9		
Gold	<b>Electronix Express / RSR</b>			0.1	± 5% (J)
Silver	<i>http://www.elexp.com</i>			0.01	± 10% (K)

R	Red	Orange	Violet	Black	Value	Tolerance
	2	3	7	X 1	= 237Ω	+/- 1%
1						
2						
3						
4						
5						