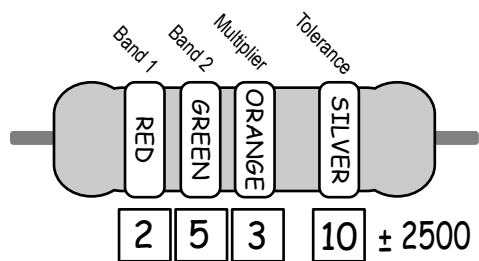
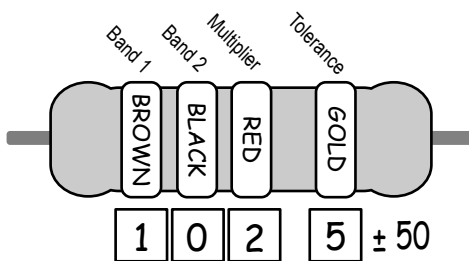


Amateur Radio: Resistors Practice Sheet

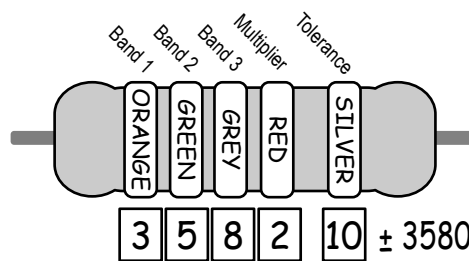
Check your calculations at <https://www.digikey.ca/en/resources/conversion-calculators/conversion-calculator-resistor-color-code>



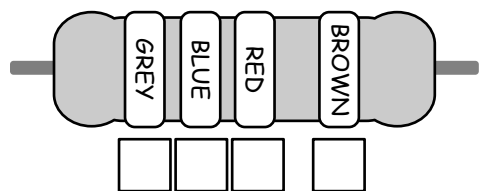
band1: 2, band2: 5, mult: 1000 = 25,000Ω
±10% tolerance = 27,500Ω max, 22,500Ω min



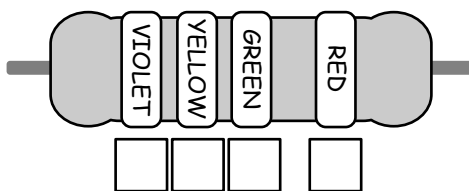
band1: 1, band2: 0, mult: 100 = 1000Ω
±5% tolerance = 1050Ω max, 950Ω min



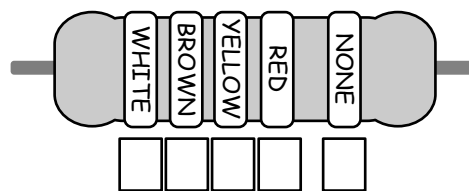
band1: 3, band2: 5, band3: 8, mult: 100 = 35,800Ω
± 10% tolerance = 39,380Ω max, 32,220Ω min



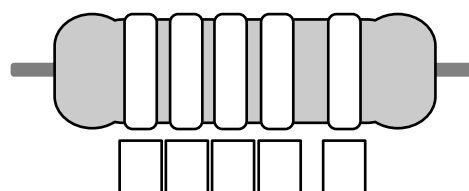
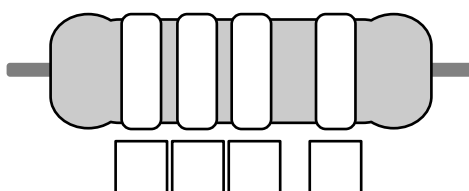
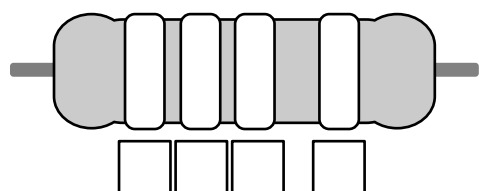
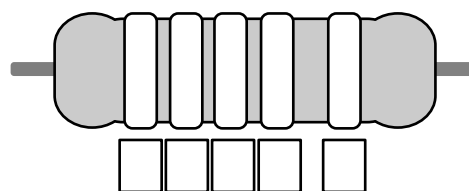
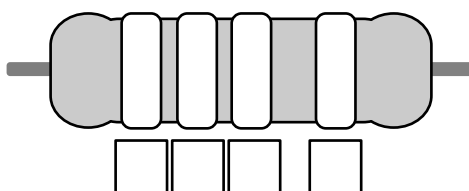
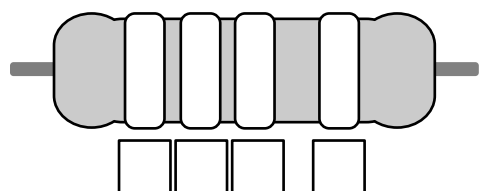
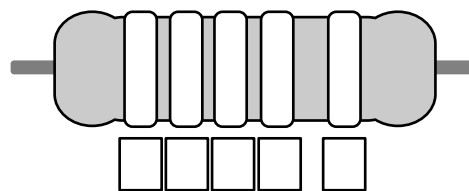
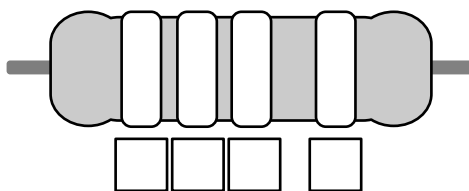
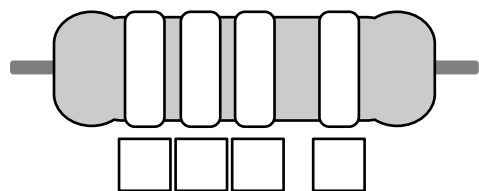
8,600Ω ±1% = 8,686Ω max, 8,514Ω min



7,400,000Ω ±2% = 7,548,000Ω max, 7,252,000Ω min



91,400Ω



Mnemonic	Betty	Brown	Runs	Over	Your	Garden	But	Violet	Grey	Walks	Get	Some	Now
Colour	Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White	Gold	Silver	None
Digit	0	1	2	3	4	5	6	7	8	9	0.1	0.01	
Multiplier	1	10	100	1,000	10,000	100,000	1,000,000	10,000,000	100,000,000	--	0.1	0.01	
Tolerance	--	+/- 1%	+/- 2%	+/- 3%	+/- 4%	--	--	--	--	--	+/- 5%	+/- 10%	+/- 20%