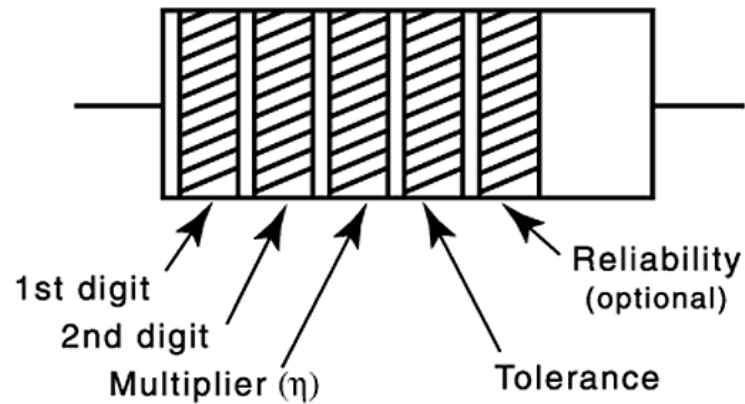


STANDARD RESISTANCE VALUES ($\times 10^n$)

| | | | | |
|-----------|-----------|-----------|-----------|------------|
| 10 | 16 | 27 | 43 | 68 |
| 11 | 18 | 30 | 47 | 75 |
| 12 | 20 | 33 | 51 | 82 |
| 13 | 22 | 36 | 56 | 91 |
| 15 | 24 | 39 | 62 | 100 |



Example:

1st digit: brown = 1
2nd digit: green = 5
3rd digit: red = 10^2
4th digit: gold = 5%

The carbon composition resistor above is 1500 ohms, 5% tolerance.

| | |
|--------|-----|
| Red | 2% |
| Gold | 5% |
| Silver | 10% |
| None | 20% |

Color-band notation of low-power carbon-composition resistors