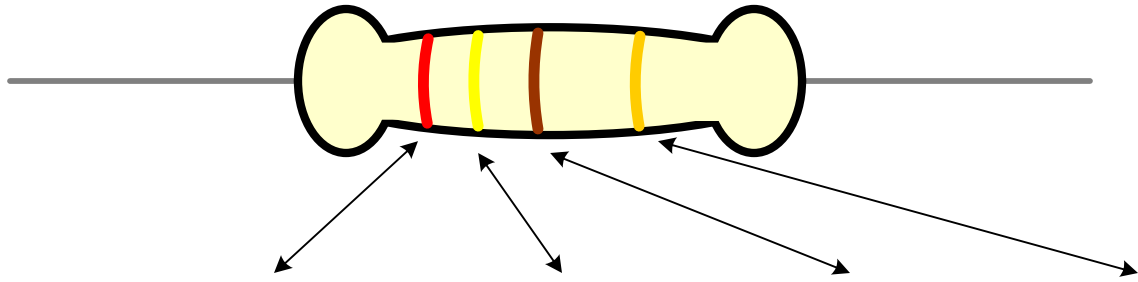


4-band Resistor



| Color | 1 st band value | 2 nd band value | Multiplier | Tolerances |
|---------|----------------------------|----------------------------|-----------------|------------|
| Black | 0 | 0 | × 1 | |
| Brown | 1 | 1 | × 10 | ± 1% |
| Red | 2 | 2 | × 100 | ± 2% |
| Orange | 3 | 3 | × 1000 | ± 3% |
| Yellow | 4 | 4 | × 10,000 | ± 4% |
| Green | 5 | 5 | × 100,000 | ± 0.5% |
| Blue | 6 | 6 | × 1,000,000 | ± 0.25% |
| Violet | 7 | 7 | × 10,000,000 | ± 0.10% |
| Grey | 8 | 8 | × 100,000,000 | ± 0.05% |
| White | 9 | 9 | × 1,000,000,000 | |
| Gold | | | × 0.1 | ± 5% |
| Silver | | | × 0.01 | ± 10% |
| No band | | | | ± 20% |