Figure 2–23 Resistors for Prob. 2–2.

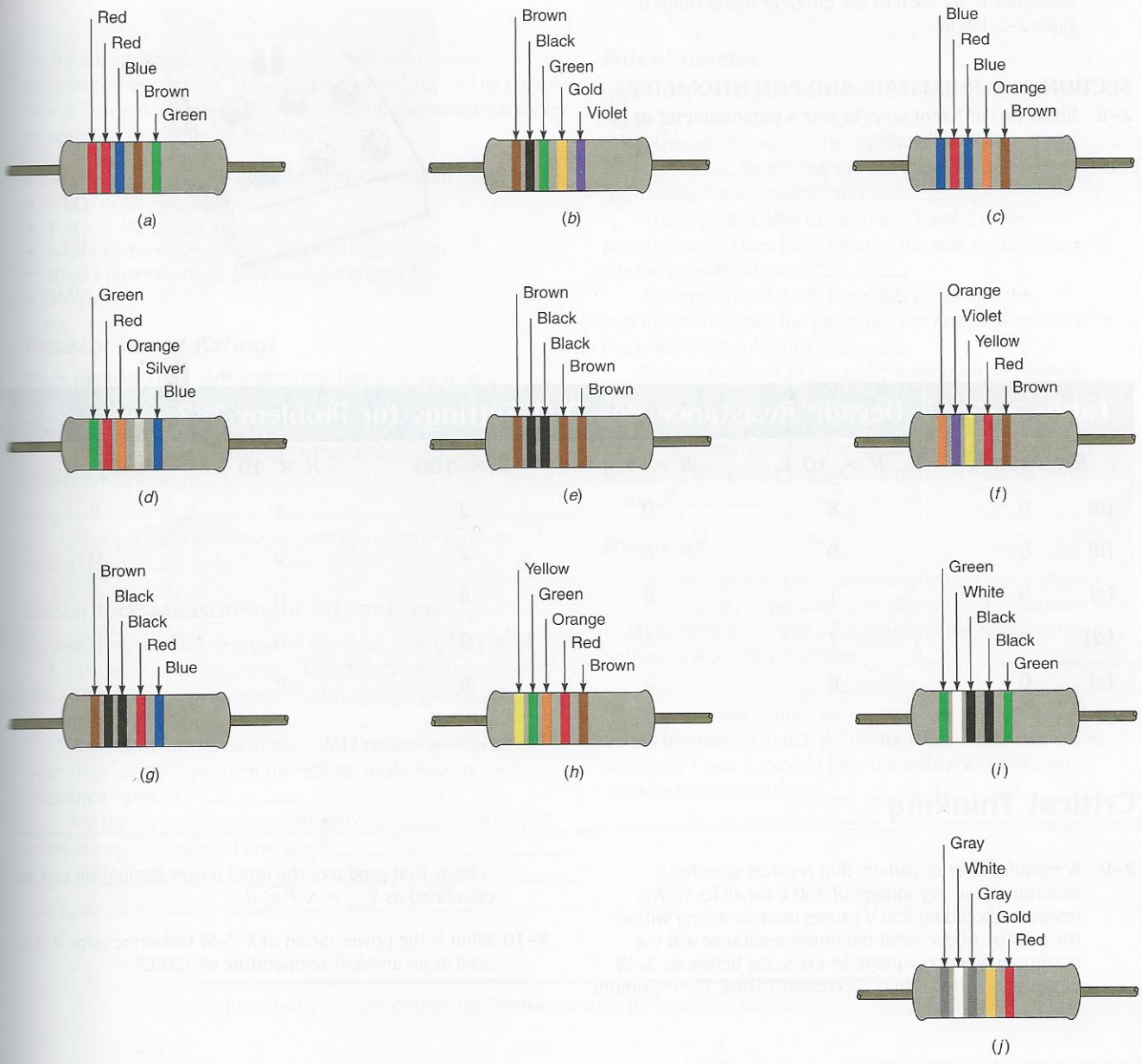
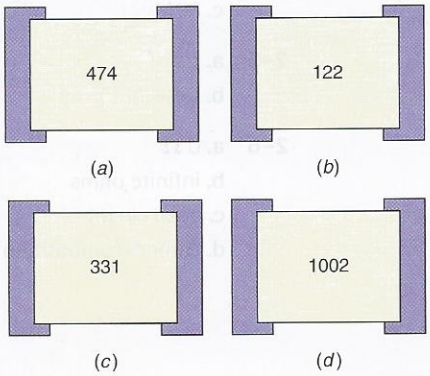


Figure 2–24 Chip resistors for Prob. 2–3.



2–4 Calculate the permissible ohmic range of a resistor whose resistance value and tolerance are (*a*) 3.9 kΩ ± 5% (*b*) 100 Ω ± 10% (*c*) 120 kΩ ± 2% (*d*) 2.2 Ω ± 5% (*e*) 75 Ω ± 1%.

2–5 Using the four-band code, indicate the colors of the bands for each of the following resistors: (*a*) 10 kΩ ± 5% (*b*) 2.7 Ω ± 5% (*c*) 5.6 kΩ ± 10% (*d*) 1.5 MΩ ± 5% (*e*) 0.22 Ω ± 5%.

2–6 Using the five-band code, indicate the colors of the bands for each of the following resistors: (*a*) 110 Ω ± 1% (*b*) 34 kΩ ± 0.5% (*c*) 82.5 kΩ ± 2% (*d*) 62.6 Ω ± 1% (*e*) 105 kΩ ± 0.1%.