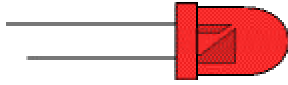
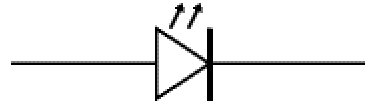


Photo:



Circuit symbol:



LEDs emit light when an electric current passes through them. LEDs have polarity, meaning current must pass from anode to cathode to activate. The anode is labeled **a** or +, and cathode is labeled **k** or -. The cathode is the short lead and there may be a slight flat spot on the body of round LEDs. Thus, the anode is the longer lead. LEDs are not usually damaged by heat when soldering.

