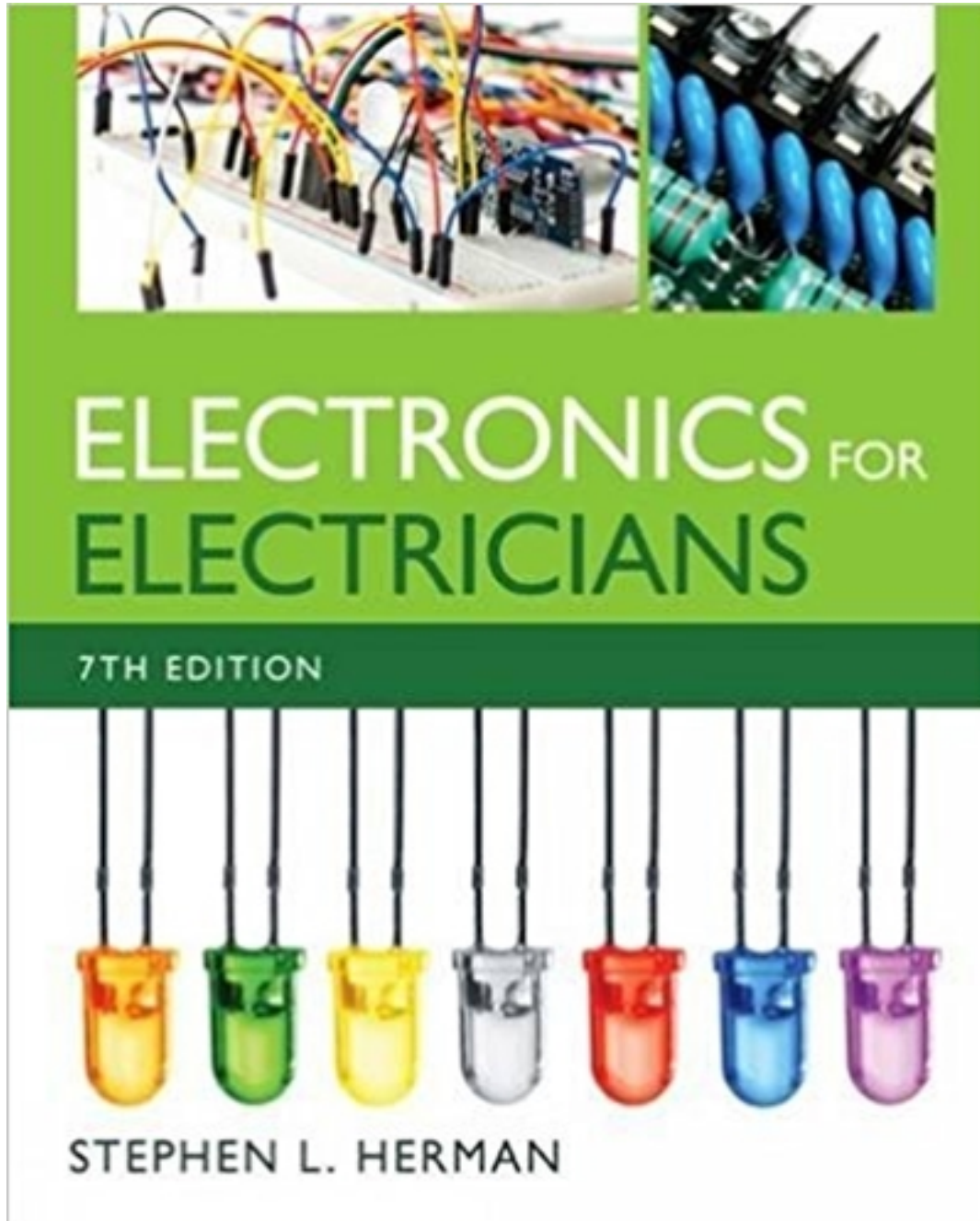


Test Bank for Electronics for Electricians 7th Edition by Herman

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Test Bank

1. Heat sinks vary in size and shape, but have only one purpose.

2. The purpose of a heat sink is to decrease the surface area of the device connected to it.

3. The surface of the device and heat sink may look perfectly flat to the naked eye.

4. Using thermal compound when heat sinking components is not a necessity.

5. Small heat sinks are generally used when a component is operated at its lowest power rating.

1. Electrical and electronic components have a power rating measured in ____.

2. The ____ rating indicates the amount of heat that the component can dissipate before damage occurs.

3. The thermal compound that is greasy and generally white in color is made from ____.

4. When a component is mounted to a heat sink, _____ is generally used to ensure a good thermal contact between the device and the heat sink.

5. _____ is used to fill in the gaps between the two surfaces and provide good thermal contact.

- a. Insulation compound c. Break compound

b. Thermal compound

d. Lock compound

ANS: B

PTS: 1

REF: Heat Sinks