

# CUSTOMIZED MINIATURE CARTRIDGE HEATERS

Sponsored by: Backer Hotwatt Inc.

Hotwatt manufactures several miniature cartridge heater diameters starting at 1/8" with 5/32" and 3/16" options in low to medium watt densities up to 60 watts per square inch. Depending on your application we can supply a higher watt density 1/8" cartridge heater that offers quicker heat transfer. Lengths start at short as 3/4" and used where space is at a premium. The size, leads, terminals, wattage and voltage can be adapted to meet your heating needs. Please contact us or see us at the show with your specific requirements.

Cartridge Heaters are our most popular product. Cartridge heaters provide localized heat to restricted work areas requiring close thermal control. Closely controlled work temperatures up to 1200° F (648.9°C) are obtained by a combination of heater location and proper wattage output.

We manufacture a wide range of cartridge heating elements for a variety of applications. Dies, platens and a variety of other types of processing equipment are efficiently heated. Industries served:

- Medical Devices
- Ink printing and labeling
- 3D printing
- Gas monitoring equipment
- Mass Spectrometers
- Instrumentation
- Valve Actuators
- Diagnostics
- Optical equipment

Backer Hotwatt products have been made in the USA for over 65 years. [Click here](#) to view our Cartridge heater catalog. For more information about our products, questions, or quotes you can contact our in-house team at (978) 777-0070.



## History of Backer Hotwatt Inc.

Established in 1952, Backer Hotwatt Inc. began manufacturing open coil heater elements for the appliance industry. The company has since evolved to address the needs of OEMs in industrial, medical, commercial, packaging, instrumentation, aviation, transportation, refrigeration and air conditioning and military fields.