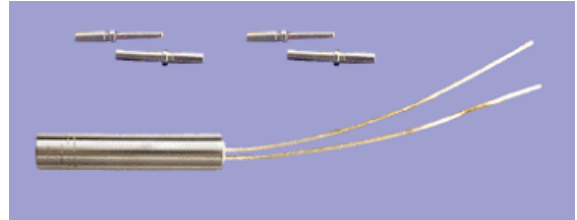


## Features

- Nickel-chromium resistance wire assures even, efficient heat distribution.
- Magnesium oxide insulation of specific grain and purity results in high dielectric strength and faster heat-up.
- Incoloy™ sheath resists oxidation and corrosion.
- Minimal spacing between element wire and sheath results in lower internal temperature, gives the ability to design with fewer or smaller heaters that operate at higher watt densities
- UL, VDE and CSA approved.
- 2" Solid Nickel leads. Kit includes crimp-on connector contacts.



## Specifications

### Size

Length: 1.125" (29mm)  
Width: 0.245" (6.25mm)

### Leads

Length: 2" (51mm)  
Diameter: 0.025" (0.63mm), 22AWG  
Material: Solid Nickel

### Construction

Nickel-chromium resistance element.  
Magnesium oxide insulation.  
Incoloy™ shell.

### Electrical

Resistance:  $50\Omega \pm 10\%$   
Nominal Power: 50 Watts  
Maximum Amps: 4.4  
Maximum Volts: 240

### Ratings

Maximum operating temperature: 1,000K  
UL component rated to 240V~ (ac)  
CSA component rated to 240V~ (ac)  
VDE component rated to 240V~(ac)

### Mounting

Recommended hole: 0.250" (6.35mm) or  
0.261" (6.63mm) for mounting in Stycast  
Epoxy.

## Ordering Information

3039-001 Cartridge Heater, 50 $\Omega$ , 0.25" x 1.25".  
3039-002 Cartridge Heater, 25 $\Omega$ , 0.25" x 1.25".

## Contact Information

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