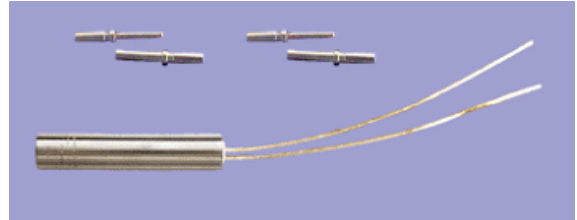


Features

- 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 Ω , 0.25" x 1.25".
3039-002 Cartridge Heater, 25 Ω , 0.25" x 1.25".

Contact Information

Cryogenic Control Systems, Inc
PO Box 7012
Rancho Santa Fe, CA 92067
Tel: (858) 756-3900 FAX: (858) 759-3515
E-mail: sales@cryocon.com
Web: www.cryocon.com